

FIFTH BIENNIAL REPORT

OF THE

TRUSTEES, SUPERINTENDENT, STEWARD, AND TREASURER

OF THE

IOWA HOSPITAL FOR THE INSANE

AT

INDEPENDENCE,

FOR THE FISCAL YEARS OF 1880 AND 1881.

PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

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1882.

OFFICERS OF THE HOSPITAL.

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TRUSTEES' REPORT.

IOWA HOSPITAL FOR THE INSANE. }
At Independence, Iowa, October 6, 1881. }

To His EXCELLENCY, JOHN H. GEAR, *Governor of Iowa*:

THE Trustees herewith transmit to the Governor of Iowa their biennial report, together with those of the Superintendent, Matron, Steward, and Treasurer.

Before entering upon the matters of the report, we believe it is but justice to ourselves, and to our co-laborer who commenced the work with us, to call to mind the memory of Dr. John G. House, Secretary of this Board, who departed this life at Independence, on the first day of January, 1880.

Dr. House was first appointed and qualified a Trustee of this Hospital, on the second day of October, 1872. He was appointed to fill the vacancy caused by the death of the Rev. John M. Boggs. Dr. House brought to the fulfillment of his duties, as a member of this Board, his usual urbanity and good judgment. He was chosen its Secretary, which office he held at his death. As a co-laborer for the good of the institution, we always found him earnest and honest in his work, and efficient in his action. By his death the interests of the institution have suffered great loss. We shall ever remember him with regard, and sincerely regret his death. We may all, with advantage to ourselves, seek to emulate his virtues.

This institution has not suffered any calamity from destructive elements; nor have the inmates been afflicted with any sweeping epidemic; but it still continues its prosperous course, giving relief to the afflicted who have been confided to its charge, and fulfilling the purpose for which it was erected to the satisfaction of all.

At the date of the last biennial report, there were in the institution, as patients, males two hundred and twenty-seven, females two hundred and twenty-three; total, four hundred and fifty. Since that time, one new section has been added to the building, giving four new wards. There have been admitted since September 30, 1879, to and in-

cluding September, 1881, males two hundred and eighty-one, females two hundred and thirty-seven; total, five hundred and eighteen. There have been discharged during the same period: as cured, males fifty, females fifty—total, one hundred; as improved, males seventy-three, females sixty-nine—total, one hundred and forty-two; and as unimproved, males sixty-three, females fifty-seven—total, one hundred and twenty; died at Hospital, males forty-eight females thirty-six—total, eighty-four—making a total of discharged and died during the two years, males two hundred and thirty-four, females two hundred and twelve—total, four hundred and forty-six—leaving in the Hospital, September 30, 1881, males two hundred and seventy-four, females two hundred and forty-eight—total, five hundred and twenty-two.

For a more full account of the causes of death, and for other movements of the population of the Hospital, we respectfully refer to the report of the Superintendent.

At the last session of the General Assembly, an appropriation was made (chapter 122, laws of the Eighteenth General Assembly) for constructing a well, one thousand dollars; for additional supply of water, twenty-five hundred dollars (with a proviso). This act did not designate who should expend this money—the Trustees, or Commissioners. In order that there might be no conflict on the matter, the Trustees, at their regular meeting, in July, 1880, passed a resolution requesting the Commissioners to take charge of and expend this fund. It was stated to us that the intention was to have the one thousand dollars expended in an attempt to construct an artesian well.

As an experiment of that kind had been made at McGregor, Iowa, and with eminent success, the Trustees looked up the geological history of the State, and found that to reach the stratum of rock in which the water was found at McGregor, we would have to go through eight hundred feet of super-imposed strata, more than had to be gone through at McGregor. We also learned that at McGregor they had attempted to raise the water sixty feet above the surface where it now flows, and that such a raise was impossible. That the highest point above the present surface to which the water could be forced was about forty-five feet. We also learned that an attempt had been made at Dubuque, Iowa, to make an artesian well, and, while they could get water to rise within about fifty feet of the surface, they found it impossible to bring it to the surface. We also tried to get men who were in the business of making deep wells to make a well here and guarantee the neces-

sary amount of water, and that it should come near enough the surface to be reached by an ordinary pump. No one that we could find would take the contract. After the fullest investigation that we could give the subject, we asked the Board of Commissioners to use the money in constructing a reservoir, and the Trustees would have it filled from the present well, during the wet seasons of the year, to use during the dry seasons. The result is that we now have a reservoir, eighty feet in diameter, and twelve feet deep, that will hold about fifteen thousand barrels of water. This reservoir is now full of water, filled from the well now used by the Hospital—such well, during the wet season of September and October, having furnished sufficient water for use of the Hospital and enough to fill this reservoir. We believe that with this reservoir, and some cisterns that are needed, the trouble about a short supply of water will be obviated.

During our investigations as to the water supply, we measured the roof of the institution, and taking the average annual rain-fall for the year as shown for the past four years, gives an average annual rain-fall on the roof of the Hospital of twenty thousand barrels. We have now but three small cisterns into which this can be conducted. The building of three more cisterns, of the capacity of two thousand barrels each, would cost about twenty-five hundred dollars, and the whole would hold eight thousand barrels of water. This could be used in the laundry and boilers, and would be a great advantage to the institution at times of scarcity of water in the well. Such money would be very judiciously expended.

The Trustees desire to call attention to the condition of this Hospital in regard to a water supply. There are in the institution five hundred and twenty two patients; the attendants and other employes, ninety-nine; the local officers with their families number seven; making six hundred and twenty-eight persons who have to be supplied with water for cooking, drinking, bathing, washing clothing, washing the rooms and bedding, carrying away all the excrement, and keeping the place in a condition where persons can live comfortably, and for protection against fire. In addition to this, water is used to make steam for heating the entire building and for running the machinery.

During the spring, while water was plenty, and the patients were allowed to use all that they needed, we caused measurements to be made each day for more than a week. We found that the institution required absolutely ten hundred and fifty barrels of water daily, and that when used liberally it took twelve hundred barrels of water per

day. The lowest amount that it is safe to calculate upon as a daily supply, and keep the institution in a condition fit for habitation is eight hundred barrels. This amount of water being demanded, it is necessary that provision be made to insure that supply. This, we believe, can be done by building three more cisterns of a capacity of two thousand barrels each; and by keeping the present reservoir full, as long as there is water to fill it, and then using from the well all that can be obtained, and drawing from the reservoir only for such balance as is absolutely required to make up the deficiency. We earnestly commend to the General Assembly the absolute necessity of an appropriation for that purpose. The estimated cost of the three cisterns is two thousand five hundred dollars, which is a small sum compared to the benefit to be derived from the expenditure.

In providing for ventilating this Hospital it was planned to admit the air into a tower, this tower to be supplied with a fan, which was to be operated by an engine and force the air through long ducts underground into the basement under the steam heaters. The tower and ducts have been built, but no fans ever provided, though asked for at each session of the legislature; neither has there ever been an appropriation for paving and plastering these ducts. The result is that the air, coming in at the tower, passes through the ducts underground a distance of about two hundred feet before coming to the first of the heaters. The bottoms of these ducts are always wet, and a bad exhalation emanates from them; this is carried by the air to the heaters, and thus up into the rooms and corridors, filling them, not with pure air, but with impure hot air. The legislature should either make an appropriation for a fan and for paving and plastering the ducts or provide some other means of ventilating the building.

It is an imperative necessity that the sewerage be provided for. It has been estimated that three thousand dollars would enable the sewerage to be carried to the river below the city, and thus provide for its discharge for all time.

The old boilers now in use are so badly worn that it is necessary that provision be made for a new battery of three boilers. These will cost about two thousand dollars each, or six thousand dollars for the three, when set.

An appropriation ought to be made for new steam mains, leading from the boilers to the service pipes in the building. An estimate of the cost of such pipes will be submitted herewith, and is earnestly recommended to your consideration. The building is so arranged that there

is no way of heating the same except by steam, and the main pipes now in use were put in when the building was first opened, and are, therefore, very old. During the last winter they required a large amount in repairs, and will require much more the coming winter. An appropriation should be made for new steam mains, so that they could be put in during the next summer, and be ready for the winter of 1882-83.

There is no barn on the place for keeping the cows. The necessities of the institution require at least forty good cows. In order to furnish stable room for these cows, a barn at least forty by one hundred feet with basement is required. This basement, on the east side, could be used for a stable for the cows; and the west half of the basement as a root cellar. The entire loft could be used for storing hay and straw. With our present accommodations, the hay and straw have to be stacked out, and we suffer a large loss therefrom each year; besides, the large amount of straw used to fill beds requires that a number be filled each day, and in stormy weather this is impracticable. With this barn the straw could be stored where it could be used every day. It is estimated that such barn would cost three thousand dollars.

It would be a great saving in fuel if the north wing could be provided with double, or storm windows, especially the north and west windows. In constructing the south wing these storm windows have been provided as a part of the expense of construction. It will require about fifteen hundred dollars to provide these windows.

The building has never been pointed, and it would serve to keep out a large amount of cold in winter if it were pointed. The cost of pointing is estimated at two thousand dollars.

The exposed wood and iron work on the north wing needs painting. This has not been painted since the building was first erected, some ten years ago. It is estimated that it will cost one thousand dollars to paint the same.

An appropriation was made by the Eighteenth General Assembly to plaster the basement. This appropriation has been expended and only a part of the work done. It is also desirable that the attics should be plastered where they have to be passed through by the officers and night watch in visiting different wards. It is estimated that fifteen hundred dollars will finish plastering the basement and the attics.

The grounds in front of the building are intended to be graded and ornamented by setting out trees and shrubs and making walks through them. An appropriation of two thousand dollars at this time would enable the Trustees to continue the work already begun and would

probably be all that could be well expended during the next biennial period.

The report of the Superintendent is so full and complete, and sets out the wants of the institution so fully that we refer to that for a more particular statement of what is needed and what has been done for the two years past.

The appropriation of five hundred dollars for making a road on the east side of the Hospital grounds has been expended, under the direction of the Superintendent, and we now have a very fine road running along the east part of the grounds to the main road leading to Independence. We believe that by utilizing such labor of the patients as can be put to that purpose, said road can be maintained in good condition during most of the year.

The crowded state of the Hospital reminds us of the necessity of an early completion of the institution. According to the plan adopted by the Commissioners, another section is to be added to the south wing and this section, when completed, will give accommodation to about one hundred more patients. Its early erection is desirable, as the Hospital is now over-crowded and almost daily applications for admission have to be turned away, or persons partially cured are discharged before they have fully recovered to make room for more urgent cases. With our present limited room, and large number of inmates, it is impossible to give each one all the attention he requires, but we believe, under the skillful management of Dr. A. Reynolds, and the efficient assistants, Dr. G. H. Hill, and Dr. H. G. Brainerd, the institution has filled the full requirements and expectations of its friends, and has been, and is, a great blessing to the afflicted in this State. The estimated cost of putting up the walls and enclosing the remaining sections will be submitted by the commissioners. It is hoped the General Assembly will find it within their power to make the necessary appropriation therefor.

The expenditures of the Hospital for the biennial period may be summarized as follows:

RECEIPTS.

Cash on hand, October 1, 1879.....	\$ 13,507.30
Received from Auditor's warrants.....	139,912.00
" " Interest on Auditor's warrants.....	71.83
" " private patents.....	2,176.71
" " hides, tallow, and hogs sold.....	2,308.77
" " other sources.....	861.14
Total.....	\$158,887.75

EXPENDITURES.

Paid salaries of officers.....	\$ 10,769.76
" attendants and other laborers.....	41,973.38
" visiting committees.....	782.50
" groceries and provisions.....	46,389.53
" clothing, bedding, and furnishing	14,704.89
" medicinal supplies.....	4,019.83
" other supplies.....	17,096.10
" wood, coal, coke, and oil.....	22,236.13
Total.....	\$157,972.12

For a complete statement of items of these receipts and expenditures reference is made to the Steward's report, which is herewith transmitted.

Under the management of our very efficient Steward, Noyes Appleman, the farm and garden have yielded a good return for the labor expended on the same. His report gives a complete statement of the amount and kind of produce raised.

It would be an advantage to the institution if there were eighty or one hundred and twenty acres more land, and it could be used to good advantage. It would require the hiring of no additional help, nor the keeping of any additional teams by the institution. All the labor could be done by the patients, and the present help required and from such land, each year, would be received a large amount of hay, grain, and vegetables that now have to be bought in the market. We refer you to the Steward's report again, to show how much has been paid in the past two years for corn, oats, hay, straw, and potatoes, nearly all of which could have been raised by the institution, without extra expense, if there had been an additional eighty or one hundred and twenty acres of land.

The attention of the legislature, at each session, for years, has been called to the law authorizing insane convicts to be sent to the Hospitals. Such a practice is greatly to be regretted as these persons are generally vicious, and not so insane but that they know how to make a large amount of trouble to the officers and attendants, and also lead other inmates into bad practices. The law should be changed and such insane persons as commit crimes of a grave character and escape punishment under a plea of insanity should be cared for by the several penitentiaries of the State, where such persons could be better taken care of, and have less opportunity to corrupt other unfortunates. We most

respectfully urge upon the General Assembly their attention to this matter, and refer to the able statement of the case, as made by Dr. Reynolds in his report, herewith submitted.

The last General Assembly appropriated money to finish and furnish the section that had been previously enclosed. When this portion of the institution was finished and the furniture purchased, the Commissioners found that the appropriation was not sufficient to pay for all; they therefore asked the Trustees to pay the sum of one thousand three hundred and forty-one dollars and ninety cents for furniture, wash-basins, and such articles as were absolutely necessary in order to occupy these new wards. After examining the matter, and after a full consultation with the Executive, believing the exigencies of the case would justify us, the Board voted to pay this amount out of the contingent fund. After partially completing the reservoir, the Commissioners notified us that the appropriation was expended. In order to be able to use the reservoir this winter, we paid three hundred and sixty-five dollars and sixty-two cents to complete the same. By these expenditures we are enabled to give accommodation to about one hundred more patients than otherwise, and also have a supply of water that for the present removes all danger in that direction.

Much to our surprise and regret, Dr. A. Reynolds, at the meeting in July, tendered his resignation as Superintendent, to take effect October 1st. We endeavored to dissuade him from taking leave of us, but, on account of failing health, he persisted in his desire to have his resignation accepted; so, at the October meeting, it was accepted, to take place November 1st, and Dr. G. H. Hill was elected to fill the place thus made vacant. The Trustees desire to express their high appreciation of the eminent services rendered the institution by Dr. Reynolds, and their regrets that his health was such that he felt compelled to sever his connection with the institution.

It now remains to summarize the appropriations needed by this institution for the next biennial period.

For three new boilers.....	\$6,000
To build a vestibule.....	3,000
To paint building.....	2,000
To paint exposed wood and iron.....	1,000
To finish plastering basement and attics.....	1,500
To build the new cisterns.....	2,500
For completing the water supply.....	1,000
For completing the ventilation.....	3,000

For completing the sewerage.....	\$3,000
For putting in new steam main pipes.....	5,000
For new storm windows for north wing.....	1,500
For building stock barn.....	3,000
For grading and ornamenting ground of Hospital in front.....	2,000
For finishing and furnishing rooms in the part erected, but not finished.....	2,500
For refrigerator and ice-house.....	3,000
For new range and chimneys, two soup-kettles, tea-boiler, and coffee-boiler.....	1,500
For new washing-machine.....	500

All of which is respectfully submitted.

ERASTUS G. MORGAN,
LEWIS H. SMITH,
D. HAMMER,
JANE C. MCKINNEY,
JED LAKE,

Trustees.

INDEPENDENCE, IOWA, November 1, 1881.

SUPERINTENDENT'S REPORT.

To the Honorable Board of Trustees of the Iowa Hospital for the Insane at Independence:

GENTLEMEN—I have the honor herewith to present the fifth biennial report of this Hospital for the period beginning October 1, 1879, and ending September 30, 1881.

The number of patients in Hospital at the date of last report was 227 men and 223 women, total 450. The number admitted during the period was 281 men, and 237 women, total 518. The whole number under treatment during period was 968. There were discharged during the period 234 men, and 212 women, total 446, leaving under treatment, September 30, 522. Of those discharged from our books, 100 were recovered, 142 were improved, 120 were not improved, and 84 were removed by death.

It would seem that the number discharged as recovered is very small when compared with the total number under treatment. Of those present at the beginning of the period, only about ten per cent were considered hopeful, and of those admitted not fifty per cent can be called recent, and consequently hopeful, and so the Hospital becomes more especially an asylum or place of detention and custody. The last of the new wards completed in the south wing was occupied in March last, and for the first time in the history of the Hospital we had complete separation of the sexes, in distinct wings. Were it possible to eliminate to a certain extent a portion of the hopeless element of our population, each year, and to discriminate in admissions, the value of the Hospital as a curative institution would become much more apparent, as well as efficient. There is no positive standard by which you can measure a person and say he is fully restored to reason. We say patients are recovered when they are restored to a fair state of general health; when they seem free from delusions and act and think in a manner corresponding to their natural condition, as it was manifested before insanity began. The judgment of intimate and intelligent friends is often of great value in deciding doubtful cases. It may not

be creditable to our judgment, but the fact exists, that, owing to the crowded condition of the Hospital, we are too apt to give the patient the benefit of a doubt, and the friends are more willing, for the same reason, to take early charge of him.

The future of the insane, after being admitted to the Hospital, may be fairly illustrated by the following statement: Fifty patients were admitted in May, 1873; thirty-eight of those were transferred from Mount Pleasant, and twelve came from homes and alms-houses. Forty-five were chronic cases. As a result, we have the following: Sixteen remain in Hospital, with two exceptions quiet and orderly. Eleven have died here; one in hospital in another State; one eloped; six recovered, one of that number having been employed here for the last six years; one is now an inmate of a hospital in another State; five are in alms-houses, and nine are at home with friends, in a fair state of health. Of the sixteen who are present inmates, four have been at home for various periods, one for four years, during which time she remained well until within a few weeks prior to her return.

The first ten cases admitted during this biennial period are briefly recorded as follows and fairly represent the average hospital patient.

No. 1434 (male), admitted October 1, 1879; born in Germany aged; 60. Had been considered insane two months, but had really been failing in mental health for a year. His condition was that of acute mania; he grew steadily worse and died March 19, 1880.

No. 1435 (female), admitted October 7, 1879; born in Ireland; aged 24. She had been insane, and in a state of high excitement for four weeks; supposed cause, pregnancy. She continued highly excited, until March, 1880, when she gave birth to a child, and soon began to recover. She was discharged, well, April 28, 1880.

No. 1436 (female), admitted October 9, 1879; born in Scotland; aged 42 years. Has been insane several years and gradually growing worse; now manifests her derangement mostly on the subject of religion. Soon after admission she came to believe that she was "The Christ," and in that happy delusion remains. She is quiet and orderly, doing some work daily.

No. 1437 (male), admitted October 10, 1879; born in New York; aged 37. Was in Hospital at Mt. Pleasant from March, 1872, to April, 1873, and in this Hospital from December, 1878, to April, 1879. At times he has an uncontrollable desire to injure some one. He was discharged May, 1880, but afterwards returned and is now in Hospital.

No. 1438 (male), admitted October 11, 1879; born in Pennsylvania;

aged 50 years. This is a third attack, the first twelve years ago, lasting about a year; the second from February to July, 1877, in this Hospital, from which attack he fully recovered. On his return, he is noisy, excited, and destructive. No improvement was made, but a gradual retrogression. He died October 20, 1880.

No. 1439 (male), admitted October 15, 1879; born in Pennsylvania; aged 42. Was in Hospital at Mt. Pleasant nine years ago. This is the fourth admission here; was boisterous, restless, and unmanageable, on admission here. He is still in Hospital, quiet and orderly, but full of delusions, and easily thrown off his bearings; is in better health when he works.

No. 1440 (female), admitted October 16, 1879; born in New York; aged 47 years. Has been very peculiar for several years, giving way to violent outbursts of temper. Was in this Hospital for three months, in 1874, but went home apparently much improved; at home threatens to kill husband and children; a brother, sister, and cousin insane. She has been fairly orderly and pleasant since admission, and will probably remain so while an inmate of a Hospital.

No. 1441 (female), admitted October 17, 1879; born in Scotland; aged 59 years. This, the first attack, began about five years ago. She is now very suspicious of relatives, and hates them intensely; assigned cause intemperance. This patient remained in Hospital about one month, and being much improved, her friends desired to remove her. She has since remained at home fairly well.

No. 1442 (female), admitted October 17, 1879; born in Vermont; aged 31 years. For the last five years has occasionally manifested some derangement for a few days at a time, following a severe attack of neuralgia. She has had the delusion that her friends had forsaken her and were plotting her ruin; has contracted the opium habit, and consumes about one grain of morphia daily; has tried to starve herself. This patient remains in Hospital, in a feeble bodily and mental condition. The daily amount of opiate has been very much reduced, but it seems impossible to discard it altogether.

No. 1443 (male), admitted October 27, 1879; born in Germany; aged 39 years. This is the third or fourth attack, but all have been of short duration. He was in this Hospital from May 31 to July 4, 1879. Was discharged for the last time, March 16, 1880, and so far as we can learn, remains well.

In our former reports, little has been said of the medical treatment of the insane. While its importance is often undervalued, it is proper to

say that it constitutes a large share of the labor of a hospital physician. Since insanity has been recognized as a physical malady and all mental disease an expression of a pathological condition of the brain, much of the mystery attending the medical treatment of the insane has passed away. We have here nearly all diseases to which flesh is heir, and the treatment aimed at is such as is sanctioned by the best authorities we could reach. Insanity is pre-eminently a disease of debility and much of our treatment is necessarily tonic and restorative, as may well be said of all enlightened medical practice of to-day. But much of the time of the medical office is necessarily taken in matters not strictly medical. New cases must be investigated; their history, condition, and tendencies made a matter of study and record, and less recent cases watched for the first evidence of coming light, and aid given in correcting false impressions and tendencies.

I quote the following paragraph from the review of a report of West Riding Lunatic Asylum: "The complaint has been made that medical officers of insane asylums contribute little to the common stock of professional literature. However desirable it may be that observations should be carefully made and recorded, and physiological and therapeutical investigations widely extended, it is infinitely more desirable that minds struggling upward toward the light, from out the gloom of melancholia, deep as the shadow of death itself, or beginning to regain steadiness and self-control, after the stormy chaos of acute mania, should be cheered, aided, and strengthened by those who best understand their troubles. To accomplish this good, nothing so much avails, at least among patients of some culture and refinement, as familiar and personal contact with the medical officer. Upon him rests the hope of cure, and restoration to the world; in him they put their trust more than any other earthly being; in his presence they find the highest incentive to self-control and propriety of conduct. To deserve his approval, they will put forth wholesome efforts which could never be excited by the best endeavors of the kindest attendant."

The expenditure for the fiscal year ending September 30, 1880, was \$158.92, per capita, or \$3.05, per week. For the fiscal year ending September 30, 1881, was \$171.45, per capita, or \$3.30, per week.

The average expenditure per capita, for the year 1878, in 49 State hospitals, distributed from Maine to Texas, was \$199.44. In controlling the running expense of the Hospital, no attempt has been made to see how closely economy could be carried, but such attention has been given to details as seemed to be for the best interest of the patients,

without any unnecessary expenditure. The cost of the service has been much lessened by the large amount of farm and garden produce, mainly the product of the labor of patients. As many as fifty men have been employed out of doors in one day. This labor is entirely voluntary and is mostly done by the chronic insane—those who have been for a long time, and are likely to be for the balance of their lives, wards of the State. Besides the farm and garden work, much has been done, with the assistance of the patients, in grading, planting trees, and repairing and building roads. The female patients, under the direction of the Matron, have done a large amount of work in the sewing-room, kitchen, and laundry.

It is known by the public, in a general way, and more definitely by the authorities of the different counties, whose attention is necessarily directed to the subject, that the hospitals for the insane are much overcrowded, and that, too frequently, the apparently harmless and incurable are removed, to make room for those most imperatively demanding admission. To repeat the axiom that an overcrowded hospital affords a diminished chance for remedial treatment, is to recite a fact as familiar as household words, though it cannot be adequately explained in a hospital report.

From the opening of this Hospital, in 1873, to the present time, its capacity has nearly all the time been strained. Each year till the last two, we have been able to take part of the excess from the other Hospital, but, instead, it has been necessary, during this last biennial period, to send many to the alms-houses. The two hospitals in the State contain, now, about eleven hundred patients. Not less than five hundred, nearly as needy, and consequently as worthy, cases are living in alms-houses and jails. A few of the counties have provided good accommodations, and are taking good care of their excess, but from the nature of the case, few of the newer counties have any adequate accommodations for that class. They can simply hold them in custody, and wait for better times. The importance of increased accommodations is apparent to all. It is not creditable to the State that one-third of its insane should be without suitable protection. While two-thirds of the insane are provided for in Hospital, under the supervision of a Board of Trustees appointed by the General Assembly; visited each month by the State Visiting Committee, and guarded by special restrictions, the other third are entirely without control, scattered throughout the State in alms-houses, jails, with private custodians, etc. While it may be impossible, for some years, if ever, to provide for all the insane in State

hospitals, it would seem to be the duty of the State to extend its protection, in a supervisory way, over all this class.

This Hospital requires for its completion one additional section. Its early construction is desirable, not only for the increased accommodations it will afford, but the better means of classification in the south wing. This additional section will, by ordinary crowding, give additional room for about one hundred. The part now enclosed, but unfinished, and capable of accommodating about thirty, could be put in readiness for occupancy at a small expenditure, in three months from the time an appropriation was made. The remainder should be finished and ready for occupancy in eighteen months.

To finish the building as originally planned, and to fairly complete it, requires an additional appropriation for the purpose of pointing the stone work; building a front porch, and steps, and side steps; finishing the sub-basement and air-ducts; paving and finishing the plastering for the basement and attics, and putting in a fan for supplying the building with fresh air.

The appropriation for plastering the basement, made by the last General Assembly, does not nearly complete the work. It has been used to plaster that part most exposed.

As early as it can be built, a hospital will be needed for the large number of the chronic insane. It should be centrally located, with special reference to convenience of transportation, and an abundant water supply. This question has been so frequently and fully discussed that it seems unnecessary to more than mention it at this time but its importance demands careful consideration at the hands of the next General Assembly, which will, no doubt, give it the attention it deserves. If it is the policy of the State to provide for its dependent classes, surely the insane demand its first care.

This institution is still without an adequate water supply. Most of the time, during the last two years, the supply has not equalled the demand, and for two months there has hardly been enough for safety. This has arisen partly from an imperfection in the supply pipe, and partly from an absolute exhaustion of the source.

The present condition of the water question may be briefly stated. A large well 18 feet in diameter and 28 feet deep, located near the boiler-room, furnishes a limited supply. A well 12 feet in diameter, and 15 feet deep, 2,000 feet distant from the first, is connected with it by a three-inch iron pipe. The latter well furnishes by far the larger amount of water. Three other wells, of moderate size furnish each a

moderate amount. The largest one is connected with the first mentioned well and with the large reservoir. The facilities for storage are as follows: A large cistern connected with conductors leading from roof of one wing, holding about 800 barrels, two small ones of considerable capacity, and the new reservoir 500 feet from the engine-house, having a capacity of about 1,500 barrels. The storage within the building consists of three tanks, of 80, 500, and 800 barrels respectively. A steam pump forces the water from the large well into these tanks, from which it flows to all parts of the building. By actual measurement, for one week, with seventeen wards, containing four hundred and sixty patients, the average daily amount of water used was 1,050 barrels. With the Hospital completed and filled, a fair supply will be 1,500 barrels per day. To furnish this, either of two plans is practicable. One is by opening new wells, putting in a new and larger supply pipe and building cisterns of sufficient capacity to hold all the water falling on the roofs of the different buildings, a very large amount in the aggregate, and the best for steam and laundry purposes. The other plan, perhaps the safest, but much the most expensive, would be to run a six inch pipe to the river—a distance of one and three-fourths miles—and put up pumping works there. The large reservoir would hold about a ten days' supply.

SEWER.—The sewer is practically still an open question. In its present state it is at least an offense, if not a direct injury, to the household. I believe it should be carried at least 1,500 feet further from the Hospital, and eventually to the river.

COLD ROOM.—As the household increases the need of a cold room, or refrigerator for storing milk, meat, and butter, becomes greater. We need the rooms now used for such purposes for other storage. Besides, they are totally unfit for such uses, and entail a heavy loss each season.

KITCHEN AND LAUNDRY FURNITURE.—The main kitchen needs a new cooking range with chimney, two large soup kettles, and new tea and coffee steamers. The laundry needs one more washing-machine. The new laundry apparatus provided for by the last General Assembly has been of great utility, and is believed to be the best in use.

STOCK BARN.—There is great need of an appropriation for the building of a new stock barn for stabling the milch cows, storing vegetables and other feed. The one now in use is a mere shed, entirely too small and inconvenient for economy.

To summarize: besides the appropriation for finishing the building, there is needed an appropriation for the following purposes;

Water supply.

Sewerage.

Boilers.

Cold room.

Kitchen and laundry furniture.

Stock barn.

A great State charity, costing originally between \$800,000 and \$900,000, should not be crippled or hindered in its operations by the failure to supply the very best needed accessories.

CHAPEL SERVICES.—Our sabbath afternoon chapel service has been performed by the following named clergymen, and has been, as heretofore, gratefully acknowledged by our household in a regular attendance: Rev. Thos. B. Kemp, Rev. G. Schaible, every fourth sabbath each for the whole period; Rev. W. B. Phelps, till June, 1880, when his place was filled by Rev. J. Ritchie; Rev. F. Robertson, until October, 1880, and afterward by Rev. J. A. Ward. We are under obligation to each of these gentlemen, not only for the regular service, but for visits to the sick, when called upon. Also to Rev. Father Burke for frequent attendance upon the sick or dying of his communion.

ENTERTAINMENTS.—The usual evening entertainments have been more frequent and regular than during any previous period. Dances, concerts, readings, plays, tableaux, etc., etc., have been had as often as has been consistent with the service. Dr. Hill has had these entertainments in charge, and to him much of their interest has been due. I wish, in this connection, to thank those employees who particularly aided, by their musical and other talents, in adding to the enjoyment of these entertainments, as during the last biennial period all the music has been furnished by our own household. By your permission, fifty dollars were expended for the magic-lantern.

A bowling-alley was finished in February last, and furnished a great deal of enjoyment to many of our patients during the late winter and spring months.

The Public Library and Reading-room of Independence has continued to supply our household with a large amount of reading and pictorial matter. We are under under obligation to Mrs. Warren Barnhart, and to Mr. W. Littell, of Independence, and Hon. Wm.

Larrabee, of Clermont, as well as to some unknown friends for handsome contributions of periodicals and magazines.

The publishers of the following named newspapers will again accept our thanks for regular copies of their papers: "Clinton Age," "Hamp-ton Chronicle," "Webster County Topic," "State Register," "Buchanan County Bulletin," "Independence Conservative," "Germania" (Milwaukee), "Dubuque Democrat" (two copies), "Fayette County Clarion," "Fayette County Union," "Decorah Posten," "Der Deutch Amerikaner" (Waterloo), "Independence Courier," "West Union Gazette," "Monona County Gazette," "Fort Dodge Times."

In September last, Miss May Barrel, of Boston, and Miss Minnie White, of West Union, kindly gave our household a concert and reading, which merited and received the warmest thanks of all.

To Dr. Gershom H. Hill and Dr. Henry G. Brainerd, I am greatly indebted, personally, for valuable assistance in the medical administration, and particularly during the last few months, when poor health has prevented my taking my full part in the active work of the Hospital.

Mrs. L. M. Gray has continued in the faithful and intelligent performance of her duty as Matron. Our steadily growing household has caused a corresponding increase in her labor and responsibility which I am sure you appreciate.

Noyes Appelman has continued in the position of Steward, and has filled the office to my satisfaction. His work has been more under your immediate notice than has that of the other officers mentioned.

A. D. Gurnsey, engineer, has through the two years given the best evidence of his entire fitness for his responsible position. His "nearness" to all that is known of steam-heating, etc., makes his services invaluable in an institution like this.

H. A. Cramer, carpenter, John Dorsett, butcher, Charles Thomas Sr., watchman, Charles Thomas Jr., gardener, James Netcott, carman, Geo. Bridenback, baker, all connected with the early history of the Hospital, deserve a special mention for faithful and continued service.

Miss Carrie Curtis, book-keeper, has been in steady employment for the last year. She has in addition taken charge of the store-room, keeping a methodical account of receipts and disbursements. Her service is valuable and always conscientiously performed.

Charles Hartwell, who was employed as apothecary for nearly six years, was obliged to give up the work in January, 1880, on account of

poor health. The place has since been acceptably filled by Otto Wollenburg.

Miss Mary Sisson, after more than eight years of work as Supervisor of the Female Wards, gives up the position, September 30. Her services have been very valuable to the Hospital. Her place will be filled by Miss Lou Fasold, who has had many years of experience, here and in Mount Pleasant.

David Fiester still continues to fill the position of Male Supervisor very acceptably.

More changes have been made in our corps of attendants and other employes than usual, owing, probably, to the increase in wages in other departments of labor. To those who have remained, I am under great obligations for honest and faithful service.

The Hospital sustained a severe loss, January 1, 1880, in the death of John G. House, for six years Trustee and Secretary. I was under great obligation to him for valuable advice in the medical administration of the institution.

For the past year, I have felt that I should be obliged to leave hospital work for a time, on account of my health. My notice in July, that I should tender my resignation to take effect in October, was the result of a mature consideration of the subject, and a conviction that I could not do justice to the work without a full degree of health. Your kind proposition to grant me a leave of absence for three months was warmly appreciated. Personal inclination and interest would impel me to try to continue in the work, but I know that the best energies of a thoroughly well man are needed in the management of such an institution. The State pays for, and should have, the best official service. Finally, gentlemen, there remains the pleasant duty of thanking you for your personal and official kindness to me, during the periods of your administration. If the Hospital has attained a fair degree of success in the department of charity for which it was designed, and organized, I only hope to share with you the credit and reputation as I have shared the labor and responsibility trusting, under the guidance of an all-wise Providence, its usefulness may never be less.

A. REYNOLDS, *Superintendent*.

INDEPENDENCE, IOWA, October 1, 1881.

STATISTICAL TABLES.

TABLE I.

Movement of population.

MOVEMENT.	FIRST YEAR.			SECOND YEAR.			Total for the biennial period.	FROM THE BEGINNING.		
	Men.	Women.	Total.	Men.	Women.	Total.		Men.	Women.	Total.
No. remaining Sept. 30, 1879 and 1880	227	223	450	223	237	460	.....	.....	.....	.....
No. admitted	116	108	224	165	129	294	518	1084	867	1951
No. discharged, recovered	27	30	57	23	20	43	100	186	163	349
No. discharged, improved	36	26	62	37	43	80	142	289	211	500
No. discharged, unimproved	33	29	62	30	28	58	120	191	125	316
No. died	24	9	33	24	27	51	84	144	120	264
Total No. discharged and died	120	94	214	114	118	232	446	810	619	1429
No. remaining Sept. 30, 1880 and 1881	223	237	460	274	248	522	.....	274	248	522
Average daily No	.....	.....	453½	.....	.....	500½	.....	.....	.....	477½

TABLE II.

Showing number of times each patient has been admitted.

Number admitted once	1343
Number admitted twice	212
Number admitted three times	33
Number admitted four times	16
Number admitted five times	3
Number admitted six times	1

Total number persons admitted..... 1608

TABLE III.

Duration of insanity before admission, with results.

DURATION.	Recovered.	Improved.	Unimproved.	Died.	Remaining.	Total.
Less than three months	217	157	50	80	120	624
Three to six months	43	55	16	21	26	161
Six to twelve months	42	56	38	26	43	205
One to two years	31	78	50	32	67	258
Two to three years	7	34	39	19	57	156
Three to five years	2	52	34	31	79	198
Five to ten years	1	31	51	31	65	179
Over ten years	.....	20	19	14	40	93
Unknown	6	17	19	10	25	77
Total	349	500	316	264	522	1951

TABLE IV.

Number at each age when admitted.

AGE.	Biennial period from the beginning.
Under fifteen years	5 13
Fifteen to twenty years	26 144
Twenty to thirty years	146 562
Thirty to forty years	130 506
Forty to fifty years	120 387
Fifty to sixty years	51 205
Sixty to seventy years	25 92
Over seventy years	15 42
Total	518 1951

TABLE V.

Nativity of patients admitted.

NATIVITY.	Biennial pe- riod.	From the be- ginning.
Maine.....	7	24
New Hampshire.....	1	6
Vermont.....	16	50
Massachusetts.....	9	25
Rhode Island.....	3	3
Connecticut.....	3	15
New York.....	55	248
New Jersey.....	1	7
Pennsylvania.....	43	157
Maryland.....	2	10
Virginia.....	2	11
West Virginia.....	1	1
North Carolina.....	1	2
South Carolina.....	1	1
Georgia.....	1	1
Louisiana.....	1	3
Texas.....	1	1
Tennessee.....	1	7
Kentucky.....	2	14
Missouri.....	1	7
Ohio.....	34	146
Indiana.....	12	47
Illinois.....	31	101
Michigan.....	3	11
Wisconsin.....	22	56
Iowa.....	59	198
Nebraska.....	1	1
California.....	1	2
Canada.....	15	54
New Brunswick.....	3	3
Nova Scotia.....	1	4
England.....	19	65
Scotland.....	9	12
Ireland.....	49	200
Wales.....	3	16
Denmark.....	3	16
Norway.....	10	63
Sweden.....	11	37
France.....	1	7
Switzerland.....	5	13
Germany.....	81	278
Bohemia.....	1	4
Iceland.....	1	1
Unknown.....	3	24
Total.....	518	1951

TABLE VI.

Residence of patients admitted and remaining.

COUNTY.	ADMITTED DURING BIENNIAL PERIOD.			ADMITTED FROM THE BEGINNING.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Allumakee.....	11	8	19	37	33	70	7	7	14
Benton.....	9	8	17	34	39	73	7	9	16
Black Hawk.....	11	12	23	38	51	89	8	7	15
Bremer.....	3	6	9	19	17	36	4	2	6
Boone.....	1	2	3	5	8	13	9	5	14
Buchanan.....	8	3	11	40	37	77	11	7	18
Buena Vista.....	1	1	2	5	6	11	2	2	4
Butler.....	8	1	9	22	9	31	7	4	11
Calhoun.....	1	1	2	2	2	4	1	1	2
Carroll.....	1	2	3	8	2	10	3	1	4
Cerro Gordo.....	3	6	9	12	11	23	1	4	5
Cherokee.....	2	1	3	3	5	8	1	4	5
Chickasaw.....	6	6	12	23	25	48	7	4	11
Clay.....	1	1	2	3	2	5	1	1	2
Clayton.....	12	15	27	67	52	119	10	17	27
Clinton.....	14	14	28	27	34	61	7	14	21
Crawford.....	1	1	2	3	5	8	1	2	3
Delaware.....	8	8	16	39	30	69	9	7	16
Dickinson.....	1	1	2	1	2	3	1	1	2
Dubuque.....	22	16	38	117	91	208	22	18	40
Emmet.....	1	1	2	3	2	5	2	2	4
Fayette.....	11	9	20	46	30	76	9	6	15
Floyd.....	6	2	8	21	9	30	4	2	6
Franklin.....	1	3	4	12	15	27	1	4	5
Greene.....	6	6	12	10	11	21	7	6	13
Grundy.....	1	1	2	7	6	13	2	3	5
Hamilton.....	3	2	5	10	5	15	5	2	7
Hancock.....	2	2	4	6	2	8	1	1	2
Hardin.....	2	8	10	6	28	34	12	12	24
Howard.....	1	2	3	14	8	22	5	1	6
Humboldt.....	1	1	2	1	4	5	1	1	2
Jackson.....	9	8	17	33	24	57	6	5	11
Jones.....	6	7	13	28	28	56	2	9	11
Ida.....	2	3	5	3	2	5	1	1	2
Kossuth.....	4	4	8	12	2	14	3	1	4
Linn.....	13	12	25	43	42	85	12	18	30
Lyon.....	1	1	2	1	1	2	1	1	2
Marshall.....	7	4	11	27	9	36	5	4	9
Mitchell.....	1	4	5	7	13	20	1	3	4
Monona.....	5	1	6	13	3	16	3	1	4
Oceola.....	1	1	2	1	1	2	1	1	2
O'Brien.....	1	1	2	1	1	2	1	1	2
Palo Alto.....	2	1	3	6	4	10	1	1	2
Plymouth.....	2	2	4	10	2	12	5	1	6
Pocahontas.....	1	1	2	3	1	4	2	1	3
Sac.....	3	5	8	4	7	11	2	3	5
Sioux.....	2	2	4	4	3	7	1	1	2

TABLE VI—CONTINUED.

COUNTY.	ADMITTED DURING BIENNIAL PERIOD.			ADMITTED FROM THE BEGINNING.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Story.....	2	2	4	7	4	11	2	2	4
Tama.....	2	7	15	21	19	40	9	17	16
Webster.....	3	5	8	16	17	33	4	12	6
Winnebick.....	6	7	13	50	26	76	6	9	15
Winnebago.....	2	2	4	4	2	6	1	1	1
Worth.....	4	2	6	16	8	24	5	5	10
Woodbury.....	2	2	4	6	6	12	2	3	5
Wright.....	45	23	68	133	59	192	54	18	72
State at large.....									
Total.....	281	237	518	1034	867	1951	274	248	522

TABLE VII.

Occupation of those admitted.

OCCUPATION.	Biennial period.	From the beginning.
Baker.....	1	5
Barber.....	2	2
Brewer.....	2	4
Butcher.....	1	3
Blacksmith.....	2	14
Book-keeper.....	1	11
Cabinet-maker.....	1	5
Carpenter.....	10	25
Clerk.....	6	16
Cigar-maker.....	1	3
Cooper.....	1	5
Dentist.....	1	3
Domestic.....	25	85
Editor.....	1	3
Engineer.....	2	6
Farmer.....	124	501
Gardener.....	4	4
Harnessmaker.....	3	9
Housewife.....	152	541
Home work.....	33	87
Jeweler.....	2	4
Laborer.....	65	210
Landlord.....	3	4
Lawyer.....	2	10
Liveryman.....	2	4
Machinist.....	2	3
Mason.....	3	10
Merchant.....	3	25
Miller.....	1	5
Milliner.....	1	1
Miner.....	2	5
Operative.....	1	9
Painter.....	2	8
Peddler.....	1	8
Preacher.....	1	5
Physician.....	1	6
Printer.....	1	2
Railroader.....	1	7
Sailor.....	2	2
Scamstress.....	5	9
Speculator.....	1	3
Shoemaker.....	2	9
Student.....	3	19
Tailor.....	4	9
Teacher.....	11	34
Tinner.....	1	4
Teamster.....	4	4
Tramp.....	4	11
Unknown.....	6	31
Wagonmaker.....	1	6
Washerwoman.....	4	4
Without occupation.....	19	148
Total.....	518	1951

TABLE VIII.

Supposed or assigned cause of insanity.

CAUSE.	BIENNIAL PERIOD.			FROM THE BEGINNING.		
	Men.	Women.	Total.	Men.	Women.	Total.
CONGENITAL—						
Hereditary.....	32	26	58	184	162	346
Defective mental organization.....	6	3	9	20	8	28
DISEASES OF THE NERVOUS SYSTEM—						
Epilepsy.....	19	14	33	78	38	116
Cerebral tumor.....	2	2	4	2	2	4
Cerebral hemorrhage.....	3	3	6	5	1	6
Cerebral congestion.....	1	1	2	5	4	9
Cerebral abscess.....	1	1	2	2	2	4
Cerebro-spinal-meningitis.....	2	2	4	3	2	5
Softening of the brain.....	1	1	2	2	2	4
Paralysis.....	1	1	2	4	1	5
Injury to the head.....	20	4	24	66	10	76
Injury to the spine.....	1	1	2	3	1	4
DISEASES IN GENERAL—						
Sun or heat stroke.....	16	3	19	37	9	46
Fever.....	5	7	12	14	22	36
Syphilis.....	2	1	3	5	1	6
Poor health.....	12	8	20	25	28	53
Treatment by a quack.....	2	2	4	1	5	6
Loss of sleep.....	1	1	2	3	3	6
Opium habit.....	1	1	2	4	4	8
Use of alcoholic drinks.....	21	1	22	68	4	72
Use of tobacco.....	1	1	2	4	4	8
Masturbation.....	17	1	18	61	2	63
Excessive venery.....	1	1	2	2	2	4
Uterine disease.....	10	10	20	43	43	86
Exposure during menstrual epoch.....	1	1	2	6	6	12
Defective or suppressed menstruation.....	16	16	32	34	34	68
Early marriage.....	1	1	2	2	2	4
Disturbed gestation.....	3	3	6	7	7	14
Puerperal condition.....	18	18	36	55	55	110
Prolonged lactation.....	1	1	2	3	3	6
Too frequent child-bearing.....	2	2	4	11	11	22
Change of life.....	11	11	22	23	23	46
Senile decay.....	8	6	14	16	7	23
MORAL INFLUENCE—						
Jealousy.....	1	1	2	3	3	6
Disappointment.....	2	1	3	2	2	4
Spiritualism.....	1	1	2	3	6	9
Religious excitement.....	6	9	15	25	24	49
Sorrow on account of blindness.....	1	1	2	2	3	5
Fright.....	2	4	6	6	8	14
Grief.....	6	13	19	9	25	34
Worry and anxiety.....	2	1	3	4	1	5
Desertion of companion.....	1	1	2	4	4	8
Ill treatment.....	2	1	3	2	1	3
Change of climate and surrounding.....	5	5	10	5	1	6
Domestic trouble.....	11	10	21	31	41	72
Disappointed affection.....	3	6	9	16	23	39
Seduction.....	1	1	2	3	3	6
Pecuniary embarrassment.....	14	5	19	51	10	61

TABLE VIII—CONTINUED.

CAUSE.	BIENNIAL PERIOD.			FROM THE BEGINNING.		
	Men.	Women.	Total.	Men.	Women.	Total.
MORAL INFLUENCE—Continued.						
Poverty and want.....	2	5	7	5	12	17
Overwork.....	9	2	11	20	16	36
Excessive mental labor.....	5	5	10	11	2	13
Cause unknown.....	40	40	80	276	197	473
Total.....	281	237	518	1084	867	1951

TABLE IX.

Cause of death.

CAUSE.		Men.		Women.	Total.
		Men.	Women.		
Acute cerebritis.....	2	1	3	4	7
Apoplexy, hemorrhagic.....	1	1	2	3	4
Apoplexy, serous.....	1	1	2	3	4
Atheroma of arteries and softening of the brain.....	2	2	2	4	6
Cerebral tumor.....	1	1	1	2	3
Cerebral and cerebellar softening, result of.....	1	1	1	2	3
Cerebro-spinal-meningitis.....	1	1	1	2	3
Epilepsy.....	2	2	2	4	6
General paralysis.....	2	2	2	4	6
Multiple cerebro-spinal sclerosis.....	1	1	3	4	5
Acute delirious mania.....	1	1	2	3	4
Exhaustion from acute mania.....	5	5	3	8	13
Exhaustion from chronic mania.....	4	4	1	5	9
Exhaustion from old age.....	4	4	2	6	10
Heart disease, rupture.....	1	1	1	2	3
Heart disease, valvular.....	2	2	2	4	6
Cardiac thrombosis.....	1	1	1	2	3
Pulmonary tuberculosis.....	2	2	12	14	16
Pneumonia.....	2	2	2	4	6
Cancer of the face.....	1	1	1	2	3
Progressive pernicious anemia.....	1	1	1	2	3
Abscess of liver.....	1	1	1	2	3
Diarrhea.....	4	4	1	5	9
Dysentery.....	1	1	1	2	3
Shock from hemorrhage in colon.....	1	1	1	2	3
Suicide.....	1	1	1	2	3
Total.....	48	36	84	120	164

TABLE X.

Condition and prospects of patients remaining at end of period.

FORM OF INSANITY.	FAVORABLE.		UNFAVORABLE.		Total.
	Men.	Women.	Men.	Women.	
Mania, acute with excitement.....	16	9	6	1	32
Mania, acute without excitement.....	4	2	4	....	10
Mania, chronic with excitement.....	1	21	34	56	
Mania, chronic without excitement.....	2	94	62	158	
Mania, recurrent.....	1	1	4	6	12
Mania, epileptic.....	....	23	25	48	
Melancholia.....	....	4	4	9	23
Dementia, primary.....	6	2	2	5	12
Dementia, secondary.....	3	79	78	157	
Imbecility.....	....	1	5	6	12
General paralysis.....	....	....	2	....	2
Total.....	30	22	244	226	522

APPENDIX A.

No person should be brought to the Hospital without having been clearly informed of his destination. If he is too insane to appreciate it, no harm will be done, while, if some reason still remains, he will understand that at least his friends intend to deal honestly with him. Nor should he be told that his stay will be but a few hours or days, or that he can go home when he pleases. Such promises give a patient a distrust of the Hospital and those under whom he is placed.

Patients should be provided, before coming to the Hospital, with a change of good clothing, and at least one extra change of underwear. While the institution will exercise all possible care that the clothing of patients is repaired and duly kept, it cannot guarantee against those occasional losses which are particularly liable to occur in a hospital for the insane. No money, jewelry, or valuable articles of clothing should be brought to the Hospital with patients. Parties in charge of patients arriving by night trains should remain in the city till morning. It is extremely injurious to patients already retired and asleep, to be disturbed by the arrival of another, perhaps noisy and turbulent, and in our present crowded condition, every bed occupied, it is a great inconvenience.

Before starting for the Hospital with a patient it should be known that all the formalities of the law have been complied with.

It is very desirable that the commissioners of insanity should notify the officers of the Hospital of the probable time of arrival of patients, with some main facts in regard to the case.

Some person should accompany the patient who is familiar with the history of the case; some member of the family if practicable.

APPENDIX B.

ORDINARY DIETARY TABLE.

BREAKFAST.

Sunday—Coffee, beef-hash, oatmeal, bread, butter.
 Monday—Coffee, beefsteak, potatoes, bread, butter.
 Tuesday—Coffee, corned-beef-hash, rolls, bread, butter.
 Wednesday—Coffee, beefsteak, oatmeal, bread, butter.
 Thursday—Coffee, beef-hash, rolls, bread, butter.
 Friday—Coffee, mackerel or beefsteak, potatoes, bread, butter.
 Saturday—Coffee, warmed roast beef with gravy, bread, butter.

DINNER.

Sunday—Baked beans, cold roast beef, pickles or tomato catsup, warm brown bread, pie.
 Monday—Corned-beef, potatoes, cabbage, beets, steamed corn-bread, pie or pudding.
 Tuesday—Vegetable soup, baked potatoes, rice, bread, pickles.
 Wednesday—Meat stew, potatoes, onions, bread, pudding.
 Thursday—Roast beef with gravy, potatoes, hominy, bread, pickles.
 Friday—Pickled cod-fish cooked in milk, or white fish with drawn butter, potatoes, onions, hominy, bread, pie.
 Saturday—Pea soup, vegetables, pickles, bread, hasty pudding with sirup.

SUPPER.

Sunday—Tea, bread, butter, sauce, cake.
 Monday—Tea, bread, butter, cheese.
 Tuesday—Tea, bread, butter, sauce, cake.
 Wednesday—Tea, bread, butter, rice, sauce.
 Thursday—Tea, bread, butter, cake.
 Friday—Tea, bread, warm biscuit, butter.
 Saturday—Tea, bread, butter, cake.

EXPLANATION OF DIET TABLE.

COFFEE AND TEA.—Coffee is given to all the household for breakfast and tea for supper. A little tea is sent to most of the female wards for breakfast and dinner; also to any sick who desire it.

BREAD.—Graham as well as white bread is always on the table, and crackers are kept on hand for those who prefer them; hot buckwheat cakes or griddle-cakes are occasionally furnished for breakfast in winter, and hot corn-cake throughout the rest of the year; milk toast is made for supper twice a week in summer.

MEAT.—Veal, mutton, lamb, beef, and eggs add to the variety in summer; fresh fish, liver, pork, chickens, head-cheese, oysters, and sausage in winter.

VEGETABLES.—Cabbage, squash, onions, and beets are often used for dinner, and an ample supply of potatoes furnished once or twice a day throughout the entire year; green peas, string beans, green sweet corn, turnips, carrots, parsnips, vegetable oysters, radishes, lettuce, horse-radish, and tomatoes are had in abundance in their season; large quantities of green corn and tomatoes are kept for winter use; cucumbers, green tomatoes, and onions are made up into pickles.

CAKE.—Cake includes cookies, ginger-snaps, soft ginger-bread, doughnuts, etc.

SAUCE.—Dried apples, peaches, prunes, berries, green apples, pie-plant, boiled or baked custards, afford a variety of sauce for supper; in addition sirup is kept on the table constantly.

EXTRAS.—On Thanksgiving Day the whole household has turkey for dinner, and either turkey or chicken on two other days in the year. Fresh strawberries and raspberries are served to all the patients several times in summer, also melons in their season. Apples are distributed throughout the entire house on Sunday during the winter months.

DELICACIES FOR THE SICK.—Fresh oysters, beef tea, chicken broth, scalded milk, boiled milk, and crackers, gruel, oatmeal gruel, milk punch, cracked wheat, oatmeal porridge, dry toast, milk toast, toast with dropped egg, boiled egg, blanc-mange, corn starch, tapioca, honey, jelly, baked apples, and canned fruit are carefully given to invalids, and all who are not able to partake of the regular diet.

DISTINCTION IN WARDS.—The convalescent wards for either sex are supplied with a greater variety in food than the rest.

MATRON'S REPORT.

Articles made in Sewing-room for two years ending September 30, 1881:

Aprons.....	270
Bandages.....	21
Chemises.....	965
Camisoles.....	56
Carriage-covers.....	2
Carpets.....	4
Carpet-strips.....	40
Curtains.....	173
Clothes-sacks.....	41
Drawers.....	374
Dresses.....	479
Full suits.....	4
Handkerchiefs.....	60
Hats trimmed.....	74
Napkins.....	84
Night-dresses.....	194
Night-caps.....	15
Pillow-cases.....	1,127
Sheets.....	1,471
Shirts.....	799
Skirts.....	920
Spreads.....	137
Shrouds.....	13
Suspenders.....	77
Tablecloths.....	151
Ticks (mattress).....	37
Ticks (straw).....	254
Ticks (pillow).....	20
Towels.....	2,001
Underwaists.....	58
Union suits, for boys.....	5
Wrappers.....	850
Socks mended.....	7,748
Garments mended for male patients.....	11,565

All mending for female patients was done in the wards, by attendants and patients.

Fruits canned and preserved.

Apple marmalade.....	36	gallons
Apple sweet-pickle.....	84	"
Beans (string) in salt.....	144	"
Chow-chow.....	2	barrels
Corn, canned.....	120	gallons
Currant jam.....	157	quarts
Currants spiced.....	50	"
Currants canned.....	96	"
Cucumber pickles.....	9	barrels
Jelly.....	700	glasses
Peaches canned.....	50	quarts
Piccalilli.....	42	gallons
Plums canned.....	200	quarts
Plum marmalade.....	34	gallons
Raspberries canned.....	60	quarts
Raspberry jam.....	120	"
Strawberries canned.....	300	"
Tomatoes canned.....	220	gallons
Tomato catsup.....	290	"

STEWARD'S REPORT.

To the Board of Trustees of the Iowa Hospital for Insane at Independence, Iowa:

GENTLEMEN—I have the honor to transmit herewith the fifth biennial report of the Steward of this Hospital, embracing a classified schedule of current expenses for each year, with a list of vouchers covering the same. Also a statement of moneys received from the State Treasurer, from paying patients, and from various other sources; an enumeration of the products of the farm and garden for each year, an inventory of the farm stock, implements, and utensils; a statement showing number of hogs raised, and their value; a schedule of general supplies and fuel on hand, September 30, 1881. A list of the officers and employes, and salary paid to each. Also an exhibit showing expense on account of farm and return from same.

All of which is respectfully submitted.

NOYES APPELMAN, Steward.

INDEPENDENCE, September 30, 1881.

1882.]

REPORT OF STEWARD.

39

EXHIBIT

Of special appropriations by the Eighteenth General Assembly to September 30, 1881

MANGLE AND WINGER.

Receipts.

From State Treasurer.....	\$	8.00
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Expenditures.

1880.		
May 6, G. M. & L. Manger & Co., mangle and winger....		8.00

CONTINGENT.

Receipts.

From State Treasurer.....	\$	487.03
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Expenditures.

1879.		
August 15, C. Farrington, boring well.....	\$	28.79
September 30, Goss & Ozias, drilling well.....		157.00
1880.		
June 18, Z. Stout, paint for roof and cornice.....		78.60
June 25, Z. Stout, fencing for new pasture.....		90.72
June 25, J. J. Travis, fence posts for new pasture.....		29.37
June 26, Kellogg & Holloway, fence posts for new pasture.....		29.75
June 30, Wm. Householder, painting roof and cornice....		65.10
		<hr/>
		479.33
Balance.....	\$	7.75

Receipts.

October 1.		
Balance on hand.....	\$	7.75
From State Treasurer.....		1,200.00
		<hr/>
	\$	1,207.75

Expenditures.

November 8, L. W. Loomis, tinware for new wards.....	\$	27.75
December 6, Kenyon & Tabor, hardware for new wards ..		57.00
December 6, O. Marquette, pillows for new wards.....		126.00
November 19, J. L. Mott, iron works, basins for new wd's.		20.75
1881.		
January 1, T. Coghlan & Son, furniture for new wards....		806.85
March 30, James Harwood, marble basins for new wards.		157.60
		<hr/>
		1,195.95
Balance.....	\$	11.80

ROAD.

Receipts.

From State Treasurer..... \$ 100.00

Expenditures.

1880.
December 31, pay roll, labor..... 39.37

Balance..... \$ 60.63

1881.
September 30, pay roll, labor (unpaid)..... \$ 460.63
September 30, balance on hand..... 60.63

BOILERS.

Receipts.

From State Treasurer..... \$ 941.16

Expenditures.

1880.
July 31, Hansen & Linehan, fire brick and clay..... 74.62
August 16, Novelty Iron Works, back plates..... 33.54
Sept. 4, William Marshall, repairs and material furnished..... 567.65
Sept. 30, James Hickey, boarding men..... 78.00
Sept. 30, George Netcolt, repairs and material furnished..... 66.00
1881.
March 9, James Hickey, boarding men..... 14.50
March 25, Wm. Marshall, repairs and material furnished..... 106.82
941.16

Aug. 27, Wm. Marshal, repairs and mat'l furnsh'd, unp'd. 490.84

CURRENT EXPENSE FUND.

Exhibit of Steward for year ending September 30, 1880.

RECEIPTS.

From balance on hand Oct. 1, 1879.....		\$13,507.30
From Treasurer of State.....	\$ 59,468.00	
From articles sold.....	297.04	
From board and clothing (paid by friends of patients)....	970.11	
From hides sold.....	860.95	
From interest on State warrants.....	69.65	
From farm stock, etc., sold.....	138.35	
	<u>61,804.10</u>	
		\$ 75,311.40

EXPENDITURES.

For vouchers September 30, 1879, unpaid.....	\$ 17,242.42
For meats and fish.....	5,962.55
For breadstuffs.....	4,734.89
For fruits.....	1,147.42
For tea and coffee.....	1,699.92
For sugar and sirup.....	2,679.19
For butter.....	4,672.42
For eggs.....	370.93
For cheese.....	282.30
For sundry groceries.....	2,028.32
For medical supplies.....	1,827.40
For postage and stationery.....	518.73
For clothing.....	3,096.36
For library and diversions.....	140.81
For furniture and furnishing.....	3,329.01
For repairs.....	1,567.60
For hardware.....	789.37
For contingencies.....	811.09
For visiting committee.....	449.50
For glass, oils, and paints.....	331.65
For farm.....	1,134.82
For feed.....	283.50
For lights.....	554.17
For fuel.....	9,258.19
For office salaries.....	5,155.94
For employes' wages.....	19,305.84
	<u>\$ 89,314.34</u>
Vouchers for quarter ending Sept. 30, 1880, unpaid.....	19,110.34
	<u>\$ 70,204.00</u>
Balance on hand Sept. 30, 1880.....	\$ 5,107.40
In Treasurer's hands.....	\$ 3,912.67
On Steward's petty cash-book.....	1,194.73
	<u>\$ 5,107.40</u>

CURRENT EXPENSE FUND.

Exhibit of Steward for year ending September 30, 1881.

RECEIPTS.

From balance on hand October 1, 1880.....		\$55,107.40
From Treasurer of State.....	\$ 80,444.00	
From articles sold.....	564.10	
From board and clothing (paid by friends of patients).....	1,206.60	
From hides sold.....	957.00	
From interest on State warrants.....	2.18	
From farm stock, etc., sold.....	351.77	
	<u>83,525.65</u>	
	\$88,633.05	

EXPENDITURES.

For vouchers September 30, 1880, unpaid.....	\$ 19,110.34
For meats and fish.....	7,828.49
For breadstuffs.....	4,677.85
For fruits.....	1,084.07
For tea and coffee.....	1,851.42
For sugar and sirup.....	3,114.11
For butter.....	5,474.81
For eggs.....	532.06
For cheese.....	277.19
For sundry groceries.....	2,763.16
For medical supplies.....	2,192.43
For postage and stationery.....	481.66
For clothing.....	3,934.51
For library and diversions.....	199.74
For furniture and furnishing.....	4,405.01
For repairs.....	2,236.81
For hardware.....	916.35
For contingencies.....	853.83
For Visiting Committee.....	333.00
For glass, oils, and paints.....	198.65
For farm.....	1,546.07
For feed.....	291.87
For lights.....	876.73
For fuel.....	11,549.04
For officers' salaries.....	5,613.82
For employes' wages.....	22,667.52

	\$105,010.54
Vouchers for quarter ending September 30, 1881, unpaid ..	24,421.68
	<u>80,588.86</u>
Balance on hand September 30, 1881.....	\$ 8,044.19

LIST OF VOUCHERS.

For biennial period ending September 30, 1881.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1879.		
1 Oct.	6	Jesse Gray, butter.....	\$ 7.74
2 Oct.	8	Mrs. C. E. Benson, butter.....	13.95
3 Oct.	9	Ann Ferney, butter and eggs.....	12.98
4 Oct.	9	Frank Ferney, chickens.....	5.44
5 Oct.	14	Sampson George, apples and butter.....	31.00
6 Oct.	13	M. A. Benson, butter and eggs.....	84.58
7 Oct.	20	W. J. King, straw.....	5.80
8 Oct.	23	S. B. Olney, visiting committee.....	24.50
9 Oct.	23	Frederick Aldrich, milch cow.....	35.00
10 Oct.	23	Martin Dingsley, chickens.....	2.64
11 Oct.	25	Fisher Bros., butter.....	16.62
12 Oct.	25	Mary Wolganott, butter.....	10.26
13 Oct.	29	N. Thomas, chickens.....	3.20
14 Oct.	11	Paul Ellings, butter.....	19.50
15 Oct.	29	Hunter & Forrester, butter.....	61.20
16 Nov.	1	Prucilla Lewis, butter.....	7.68
17 July.	12	F. H. Armstrong & Co., flour.....	11.00
18 Oct.	30	American Express Co., express.....	4.80
19 Nov.	5	L. Waldenmaier, beef cattle.....	45.31
20 Oct.	2	Field, Leiter & Co., blankets.....	85.50
21 Nov.	10	James Gray, eggs and mower rent.....	1.39
22 Nov.	10	Fisher Bros., butter.....	76.86
23 Nov.	20	Conrad Reide, butter and eggs.....	42.10
24 Nov.	4	John V. Farwell & Co., blankets.....	58.75
25 Nov.	11	George Hartert, milch cow.....	25.00
26 Nov.	14	J. A. Stevens, butter.....	69.68
27 Nov.	14	Fisher Bros., butter.....	50.42
28 Nov.	15	J. C. McGowen, chickens.....	4.60
29 Nov.	10	La Fayette Young, beef cattle.....	46.69
30 Nov.	17	M. Zimmer, butter.....	20.42
31 Nov.	17	S. B. Olney, Visiting Committee.....	24.50
32 Oct.	1	Peter Walters, labor.....	34.50
33 Oct.	16	M. Walker & Sons, window guards.....	114.75
	1880.		
34 Nov.	17	Jesse Gray, turkeys.....	11.40
35 Nov.	15	M. A. Benson, butter.....	150.56
36 Nov.	19	James Collins, fat cattle and milch cow.....	309.51
37 Nov.	24	Martin Dingsley, turkeys.....	23.40
38 Nov.	25	Mrs. Ann Ferney, butter.....	28.89
39 Nov.	25	Williams & Son, apples.....	422.50
40 Nov.	29	James O'Brien, chickens.....	11.80
41 Nov.	21	James Westcott, wood.....	51.87
42 Nov.	29	John V. Farwell & Co., blankets.....	70.50
43 Dec.	6	G. W. Harner, butter.....	15.33
44 Nov.	24	Lewis Main, turkeys.....	11.34
45 Oct.	29	E. J. Foster & Co., coal.....	51.30
46 Nov.	28	E. J. Foster & Co., coal.....	294.07
47 Dec.	13	Fisher Bros., butter.....	31.21
48 Dec.	17	Fisher Bros., butter.....	47.90

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1880.		
49 Dec.	12	John V. Farwell & Co., half hose.....	\$ 8.46
50 Dec.	19	T. W. Fawcett, Visiting Committee.....	43.00
51 Dec.	19	Michael Quain, turkeys.....	8.33
52 Nov.	20	Mrs. M. J. Hickey, butter.....	8.39
53 Dec.	23	Peter Shuhan, Jr., labor.....	29.80
54 Dec.	31	A. Reynolds, salary.....	500.00
55 Dec.	31	G. H. Hill, salary.....	225.00
56 Dec.	31	H. G. Brainerd, salary.....	150.00
57 Dec.	31	Noyes Appelmann, salary.....	200.00
58 Dec.	31	Mrs. L. M. Gray, salary.....	125.00
59 Dec.	24	Fisher Bros., butter.....	35.05
60 Dec.	31	B., C. R. & N. R. R. Co., coal freights.....	1,765.30
61 Dec.	29	Van Orsdal & Ozias, soap.....	41.00
62 Dec.	31	J. A. Vincent, one fat cow.....	28.00
63 Dec.	31	John Wengert, beer.....	23.57
64 Dec.	31	Louis Smith, hauling.....	19.07
65 Dec.	29	B., C. R. & N. R. R. Co., freight.....	92.47
	1879.		
66 Dec.	31	George Netcott, labor.....	50.62
67 Dec.	31	J. S. Klein, labor.....	22.50
	1880.		
68 Jan.	2	D. H. Conyngham, rye.....	97.75
	1879.		
69 Dec.	31	G. H. Robinson, hauling.....	76.62
70 Dec.	29	G. H. Robinson, hauling.....	24.03
71 Dec.	26	Clark & Webber, blacksmithing.....	21.15
72 Dec.	24	J. L. Mott, Iron Works, repairs.....	29.51
73 Dec.	16	Oakley & Keating, repairs.....	25.28
74 Dec.	4	A. A. Hurlbut & Co., drugs.....	243.14
75 Dec.	16	Crane Bros. Manufacturing Co., repairs.....	96.68
76 Nov.	1	T. J. Marinus & Son, ice.....	2.65
77 Nov.	29	James Vick, garden syringe.....	2.50
78 Oct.	22	Union Oil Co., soap stock.....	26.68
79 Oct.	18	D. H. Conyngham, alcohol.....	100.69
80 Oct.	1	Urbana Wine Co., wines.....	144.40
81 Dec.	17	J. D. Patton, fire-brick.....	10.50
82 Nov.	26	American Fusee Co., parlor fuses.....	1.50
83 Nov.	22	C. G. Carleton & Co., repairs.....	67.48
84 Oct.	28	John T. Brown, restraints.....	23.25
85 Dec.	18	L. W. Loomis, chambers.....	18.50
86 Dec.	8	W. P. Large & Co., shoe-pacs.....	21.14
87 Dec.	23	Frank Megou, cranberries.....	15.40
88 Dec.	27	A. H. Frank, oysters.....	17.95
89 Dec.	13	Clark & Loveday, fish.....	73.00
90 Dec.	19	Shaver & Dows, crackers.....	21.45
91 Dec.	10	Stuart & Douglas, oatmeal.....	30.50
92 Oct.	21	Charles J. Fields, locks.....	20.10
93 Dec.	11	Farley & Wolcott, crackers.....	21.59
94 Oct.	3	Morris, Tasker & Co., repairs.....	7.65
95 Oct.	17	Palmer, Winal & Co., stationery.....	38.50
96 Nov.	12	B. G. Olmstead, apples.....	36.50
97 Dec.	27	A. H. Fonda, dailies.....	10.16
98 Dec.	31	M. Reitler clothing.....	81.65
99 Dec.	23	Fisher Bros., groceries.....	70.68
100 Dec.	31	E. B. Backus & Co., groceries.....	21.80

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1879.		
101 Dec.	30	Mrs. A. B. Eaton, butter and eggs.....	\$ 32.88
102 Dec.	24	W. T. Dale, repairs on wagons.....	13.30
103 Dec.	31	Kenyon & Tabor, hardware.....	100.87
104 Dec.	31	American Express Company, express.....	8.30
105 Dec.	31	A. Reynolds, cash advanced.....	115.10
106 Dec.	17	H. M. Wilmarth, light.....	3.50
107 Dec.	31	F. Bonniwell, hardware.....	15.29
108 Oct.	29	C. M. Burritt, butter.....	10.04
109 Dec.	24	John Wiley, repairing shoes.....	11.63
110 Dec.	30	G. W. Watkins, butter.....	43.67
111 Dec.	29	A. Boyack, butter.....	21.78
112 Dec.	3	Roger McGill, straw.....	10.99
113 Dec.	22	A. L. Mitchell, laundry baskets.....	18.00
114 Dec.	30	Thomas Shannon, nine fat cows.....	247.87
115 Dec.	31	M. A. Benson, butter.....	122.16
116 Dec.	19	I. H. Emery, fuel and labor.....	9.50
117 Dec.	18	J. W. Russell, brooms.....	24.00
118 Dec.	31	S. Waggoner, stationery.....	14.77
119 Dec.	31	Ham & Carver, exchanges.....	9.75
120 Dec.	31	L. J. Whitney, butter.....	52.11
121 Dec.	27	Henry Cook, butter and eggs.....	83.16
122 Dec.	27	G. W. Harner, butter.....	4.18
123 Dec.	29	Conrad Reide, butter and eggs.....	35.67
124 Nov.	13	R. Stewart, butter.....	17.55
125 Dec.	27	James Young, butter and eggs.....	59.45
126 Dec.	5	W. F. Curtis, butter and eggs.....	58.86
127 Dec.	9	William Toman, P. M., postage and stamps.....	39.31
128 Dec.	31	Times Company, Daily Times.....	4.00
129 Nov.	18	John Williamson, lumber.....	22.52
130 Dec.	13	Z. Stout, lumber.....	36.83
131 Dec.	27	C. R. Wallace, drugs and paints.....	28.76
132 Nov.	29	Sammel Hulett, butter and eggs.....	20.51
133 Dec.	31	Smith & Stites, groceries.....	143.47
134 Dec.	24	Curwen, Stoddard & Bro., repairs.....	6.79
135 Dec.	27	Hugh McClemon, repairs on buggies and harness.....	15.95
136 Dec.	20	R. K. Plane & Company, hardware.....	35.68
137 Dec.	31	Smale Bros., drugs.....	52.66
138 Dec.	31	John McGrady, blacksmithing.....	13.60
139 Dec.	29	Hansen & Linehan, lead and brick.....	13.88
140 Dec.	31	Illinois Central Railroad Company, freight.....	59.43
141 Dec.	31	E. I. Foster & Company, coal.....	456.13
142 Dec.	13	J. C. Rich, soap.....	109.92
143 Dec.	31	Independence Mills Company, flour and feed.....	1,068.90
144 Nov.	5	O. Marquette, pillows.....	12.60
145 Dec.	17	A. B. Clarke, cement.....	6.45
	1880.		
146 Jan.	1	William Toman, bulletin and printing.....	17.50
	1879.		
147 Dec.	26	Kellogg & Barrett, groceries.....	388.04
148 Dec.	26	Kellogg & Barrett, tea.....	118.89
	1880.		
149 Jan.	1	Kellogg & Barrett, groceries.....	487.15
	1879.		
150 Dec.	30	John V. Farwell & Company, dry goods.....	77.52

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
1879.			
151	Dec. 30	John V. Farwell & Co., dry goods.....	\$ 82.75
152	Dec. 2	Noyes Appelman, cash advanced.....	11.95
153	Dec. 29	Fred. Adu, repairs.....	3.40
154	Oct. 31	M. J. Baker, labor.....	48.86
155	Nov. 10	T. F. Curtis, one horse.....	100.00
156	Dec. 17	W. G. Donnan, telegram, postage, etc.....	4.52
157	Dec. 31	W. G. Donnan, salary.....	87.14
158	Dec. 31	Pay-roll for quarter, ending December 31, 1879.....	4,598.90
1880.			
159	Jan. 13	M. J. Fell, one fat cow.....	35.00
160	Jan. 13	Sarah Thomas, labor.....	42.00
161	Jan. 13	Hunter & Forrester, butter.....	129.75
162	Jan. 16	Frank Grim, one fat cow.....	28.44
163	Jan. 16	Christian Smith, straw.....	5.40
164	Jan. 16	Lafayette Young, one fat cow.....	24.35
165	Jan. 23	Thomas Early, milch cow.....	27.00
166	Jan. 23	Pay-roll, filling ice-house.....	117.53
167	Jan. 31	Hunter & Forrester, butter.....	126.00
168	Jan. 31	American Express Co., freights.....	3.25
169	Jan. 24	Edwin Grimsley, straw.....	10.00
170	Jan. 25	W. P. Large & Co., slippers.....	36.15
171	Feb. 7	August Luloff, eggs.....	1.84
172	Feb. 13	John Miller, butter and eggs.....	2.85
173	Feb. 14	M. J. Ferris, one fat cow.....	27.00
174	Jan. 14	Patrick O'Riley, straw.....	38.75
175	Jan. 31	E. I. Foster & Co., coal.....	454.31
176	Feb. 14	Hunter & Forrester, butter.....	123.12
177	Feb. 19	R. Stewart, steers.....	683.20
178	Feb. 16	T. H. Bowen, beans and sweet corn.....	4.00
179	Feb. 2	Thomas Shannon, fat cows.....	164.92
180	Feb. 21	Wm. Bailly, straw.....	2.65
181	Feb. 21	John Bryson, straw.....	3.75
182	Feb. 23	G. W. Harner, butter and eggs.....	16.87
183	Feb. 25	John Miller, butter and eggs.....	8.81
184	Feb. 26	S. B. Olney, Visiting Committee.....	24.50
185	Feb. 26	Joseph Stumph, baskets.....	9.50
186	Feb. 28	I. H. Emery, hauling.....	17.40
187	Feb. 10	F. Shroufe, straw.....	8.87
188	Feb. 28	Wm. C. B. Adams, milch cow.....	28.00
189	March 2	American Express Co., freights.....	3.20
190	Feb. 28	Frank A. Gregory, repairs.....	12.25
191	March 6	Wm. A. Jones, fat hogs.....	129.55
192	March 9	L. L. Thomas, veal calf.....	5.60
193	March 12	Robert Stewart, fat steers.....	632.20
194	March 13	Hunter & Forrester, butter.....	132.75
195	Feb. 14	W. P. Large & Co., slippers.....	16.25
196	March 19	Wm. Bilsborough, straw.....	3.75
197	March 20	John Miller, butter and eggs.....	10.99
198	March 20	Mrs. J. Day, butter.....	11.75
199	March 18	Field, Leiter & Co., blankets.....	24.44
200	March 26	S. B. Olney, Visiting Committee.....	24.50
201	March 31	A. Reynolds, salary.....	500.00
202	March 31	G. H. Hill, salary.....	225.00
203	March 31	H. G. Brainerd, salary.....	150.00

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
1880.			
204	March 31	Mrs. L. M. Gray, salary.....	\$ 125.00
205	March 31	Noyes Appelman, salary.....	200.00
206	April 1	John T. McArthur, fish.....	11.10
207	March 28	A. Reynolds, cash advanced.....	126.39
208	March 31	American Express Co., express.....	3.50
209	March 25	Wemott, Howard & Co., crockery.....	34.15
210	March 29	H. A. Hurlbut & Co., drugs.....	227.25
211	Jan. 24	Smith & Stiles, groceries and crockery.....	84.39
212	Jan. 24	B., C. R. & N. R. Co., coal freights.....	1,990.09
213	Jan. 12	Harris, Helme & McIlhenny, repairing meter.....	26.00
214	Jan. 16	Smale Bros., drugs.....	35.67
215	Jan. 28	Curwen, Stoddart & Bro., dry goods.....	204.90
216	Feb. 20	Dr. G. Truax & Son, medical instruments.....	12.15
217	Jan. 31	Kenley & Jenkins, gasoline.....	195.00
218	Jan. 30	Union Oil Stock Co., soap stock.....	26.22
219	Jan. 17	Bramhall, Deane & Co., repairs.....	50.00
220	Feb. 9	I den & Co., gas fixtures.....	27.21
221	Jan. 30	Rock Island Glass Co., glass.....	11.75
222	March 18	John M. Fisher, locks, buckles, and keys.....	18.00
223	March 24	T. Coghlan & Sons, bedsteads.....	34.00
224	Feb. 2	W. T. Dale, repairs on wagons, etc.....	6.45
225	March 5	Henry R. Worthington, pump repairs.....	23.50
226	Feb. 28	James Vick, seeds.....	21.51
227	March 31	M. Reitler, clothing.....	249.00
228	March 18	Crane Bros. M'fg. Co., repairs on pipe and fitting.....	48.64
229	March 20	Gregory & Beach, repair galvanized iron work.....	88.04
230	March 17	American Fusee Co., fusees.....	1.50
231	March 6	Farley & Wolcott, crackers.....	29.62
232	March 31	Post & Sweet, dry goods.....	67.62
233	March 24	Rumpf, Hosford & Ferring, groceries.....	1,479.91
234	Jan. 1	Ham & Carver, exchanges.....	9.75
235	March 19	M. Reitler, clothing.....	82.35
236	March 30	O. Marquette, furnishing.....	15.25
237	March 24	R. R. Plane & Co., hardware.....	29.51
238	March 20	C. R. Wallace, drugs and paints.....	35.75
239	March 31	Fisher Bros., groceries.....	75.84
240	March 31	S. Waggoner, stationery.....	22.37
241	March 30	George Smale & Co., paints and oils.....	39.59
242	March 30	Bonniwell & Cobb, hardware.....	8.50
243	March 29	John Wiley, repairs on boots and shoes.....	26.95
244	March 31	Geo. S. Woodruff, groceries and crockery.....	439.83
245	March 20	John Wengert, beer.....	24.47
246	March 16	John Barnett & Co., dry goods.....	75.15
247	Feb. 1	O. Marquette, furniture.....	59.00
248	March 31	Kenyon & Tabor, hardware.....	199.52
249	March 13	A. H. Frank, oysters.....	66.00
250	March 27	A. H. Fonda, dailies.....	8.58
251	March 31	W. P. Large & Co., boots and shoes.....	87.63
252	March 18	L. W. Loomis, chambers.....	23.00
253	April 2	Hugh McClernon, repairs on harness, etc.....	20.15
254	April 1	Wm. Toman, printing and exchanges.....	20.00
255	March 31	Stuart & Douglas, oatmeal.....	31.00
256	March 23	A. B. Clarke, cement.....	10.85
257	March 24	G. W. Watkins, butter and eggs.....	21.66

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1880.		
258 March	26	J. W. Russell, brooms	\$ 16 80
259 March	27	M. A. Benson, butter and eggs	79.80
260 March	15	Samuel Hulett, butter and eggs	6.46
261 March	28	I. H. Emery, digging graves	6.50
262 March	31	Independence Manufacturing Co., repairs	7.15
263 March	16	Clark & Loveday, fish	90.55
264 March	30	Independence Mills Co., flour and feed	1,226.08
265 March	31	William Toman, postage	77.82
266 Feb.	15	T. F. Curtis, livery	12.00
267 March	30	Mrs. A. B. Eaton, butter and eggs	50.23
268 March	31	W. F. Curtis, butter and eggs	209.31
269 March	29	Conrad Reide, butter	73.14
270 March	27	James Young, butter	51.72
271 March	29	Henry Cooke, butter	57.33
272 March	5	L. J. Whitney, butter	12.85
273 March	31	R. Stewart, 14 steers	692.39
274 March	19	Burlingham & Co., soft soap	102.95
275 Feb.	28	Whait & Co., repairs on buggies, etc.	9.40
276 March	9	Roger McGill, corn	59.68
277 March	26	Clark & Webber, blacksmithing	26.75
278 March	25	B. C. R. & N. R. R. Co., freights	71.09
279 March	31	John Kline, labor	18.25
280 March	31	George Netcott, labor as mason	41.56
281 March	31	Charles Munnings, upholstery	13.00
282 Feb.	10	W. H. Callahan, hauling coal	15.36
283 March	31	Charles Thomas, eggs, plants, and potatoes	4.68
284 Feb.	18	G. H. Robinson, hauling coal	55.04
285 March	24	S. M. Leach, flour	26.05
286 March	25	Illinois Central R. R. Co., freights	71.02
287 March	28	B. C. R. & N. R. R. Co., coal freights	159.50
288 Feb.	1	J. C. Rich, soap stock . . . . .	.99
289 Feb.	28	E. J. Foster & Co., coal	36.70
290 April	1	Field, Leiter & Co., dry goods	95.94
291 April	1	Field, Leiter & Co., notions	14.09
292 April	1	Field, Leiter & Co., dry goods	245.95
293 March	31	John Dorsett, wagon and harness	60.00
294 April	2	Shaver & Dows, soda crackers	12.30
295 April	2	Hansen & Linehan, 1 ox yoke	3.75
296 March	11	John McGrady, blacksmithing	3.40
297 March	31	Williams & Son, apples	50.00
298 March	16	Noyes Appelman, cash advanced	5.95
299 March	22	Z. Stout, lumber	93.43
300 March	30	Tabor & Tabor, drugs	14.32
301 March	31	W. G. Donnan, salary	84.07
302 March	31	Pay-roll for quarter ending March 31, 1880	4,643.67
303 April	22	T. W. Fawcett, Visiting Committee	43.00
304 April	22	Mrs. L. S. Kincaid, Visiting Committee	25.00
305 April	22	S. B. Olney, Visiting Committee	24.50
306 April	10	American Express Co., freights	5.75
307 April	9	Hunter & Forrester, butter	116.14
308 May	17	Mason & Stewart, butter	56.25
309 May	22	I. H. Emery, eggs, hauling, etc.	7.34
310 May	22	Henry Cook, sheep	6.00
311 May	26	S. B. Olney, Visiting Committee	24.50

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1880.		
312 May	27	Hunter & Forrester, butter.....	43.35
313 May	19	G. B. Smealie, chickens.....	9.30
314 May	29	J. A. McArthur, fish.....	2.00
315 June	1	L. Waldenmaier, calves and chickens.....	21.10
316 June	2	Mrs J. W. Bole, eggs and chickens.....	8.14
317 June	1	American Express Company, freight.....	2.00
318 June	15	Jacob Hohl, fat cattle.....	159.87
319 June	16	Mrs. L. S. Kincaid, Visiting Committee.....	25.00
320 June	21	James O'Brien, potatoes.....	2.50
321 June	21	Owen Greeley, potatoes.....	4.00
322 June	17	John T. Hancock & Son, soap.....	102.38
323 June	22	L. Waldenmaier, veal calf.....	6.00
324 June	22	J. C. Beacher, potatoes.....	10.90
325 July	3	John Sullivan, potatoes.....	3.00
326 June	29	A. Reynolds, cash advanced.....	171.52
327 June	30	A. Reynolds, salary.....	500.00
328 June	30	G. H. Hill, salary.....	225.00
329 June	30	H. G. Brainerd, salary.....	150.00
330 June	30	Mrs. L. M. Gray, salary.....	125.00
331 June	24	S. F. Searls, fat heifer.....	34.77
332 July	1	American Express Co., express.....	7.20
333 June	26	Samuel Hulett, butter and eggs, and fruit.....	19.46
334 June	22	M. A. Benson, butter and eggs.....	293.30
335 May	19	Independence Manufacturing Co., repairs.....	2.25
336 April	20	A. Beach, wood.....	11.00
337 April	20	Mrs. O. M. Gillette, hats and millinery.....	7.64
338 June	12	J. J. Boettcher, book-binding.....	14.10
339 June	3	J. J. Travis, wood.....	51.75
340 June	4	A. Hathaway, repairs.....	12.75
341 March	16	A. Hathaway, repairs.....	10.80
342 June	30	W. S. Wallace, drugs.....	5.25
343 June	9	Joseph Stumph, laundry baskets.....	10.00
344 May	11	M. A. Washburn, one-half dozen brooms.....	1.65
345 June	30	Whait & Co., repairs on wagons.....	23.25
346 June	10	J. Barnett & Co., dry goods.....	29.93
347 June	25	Post & Sweet, clothing and furnishing.....	19.01
348 June	24	S. Waggoner, stationery and books.....	20.58
349 June	28	Geo. Smale & Co., light and sundries.....	35.31
350 June	17	John Wengert, hops, malt, and barley.....	9.65
351 June	28	Geo. S. Woodruff, groceries and crockery.....	274.59
352 June	21	O. Marquette, furniture.....	87.10
353 June	25	T. Ozias, soap.....	53.32
354 June	30	M. Reitler, clothing.....	490.52
355 June	28	Tabor & Tabor, drugs and medicines.....	58.32
356 June	29	Mrs. A. B. Eaton, butter and eggs.....	76.32
357 June	30	James Young, butter and two lambs.....	83.99
358 June	14	G. W. Watkins, butter and eggs.....	21.96
359 June	30	W. F. Curtis, butter and eggs.....	76.85
360 June	27	Conrad Reid, butter and eggs.....	21.78
361 June	17	Hunter & Forrester, butter.....	21.78
362 June	2	Roger McGill, butter.....	1.96
363 June	23	L. J. Whitney, butter.....	23.84
364 June	23	Sampson George, butter.....	25.33
365 June	25	G. W. Harner, calf, butter and eggs.....	9.90

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1880.		
366 June	19	Charles Thomas, eggs.....	\$ 3.49
367 June	26	John Miller, butter and eggs.....	45.19
368 June	25	Hunter & Forrester, butter.....	22.40
369 June	12	Fisher Bros., groceries.....	118.03
370 June	24	Independence Mills Company, flour and feed.....	842.01
371 June	12	O. Fonda, lime.....	1.00
372 May	15	Conservative Office, printing postals.....	2.50
373 June	28	Clark & Webber, blacksmithing.....	23.30
374 June	19	Orson Wells, draying.....	1.50
375 June	30	Davies & Son, meats and fish.....	14.87
376 June	4	Frank Cobb, draying wood.....	3.25
377 July	1	A. E. Clarke, potatoes.....	1.65
378 June	30	Wm. Toman, P. M., stamps and postals.....	77.92
379 June	5	Samuel Hulett, milch cow.....	30.00
380 June	17	C. F. Herrick, library, repairs, etc.....	45.80
381 June	22	Henry Clarke, fat heifer.....	30.24
382 June	3	T. F. Curtis, horse.....	50.00
383 June	29	Hugh McClermon, repairs.....	17.00
384 June	26	A. H. Fonda, dairies.....	13.25
385 June	19	Edwards & Co., beans.....	4.55
386 June	2	John McGrady, blacksmithing.....	5.60
387 April	2	C. R. Wallace, varnish.....	5.60
388 April	26	A. B. Clarke, cement.....	2.15
389 June	3	N. Lanning, soft soap.....	7.52
390 June	1	H. Burlingham, wine.....	114.75
391 May	10	Burlingham & Co., soap.....	41.55
392 March	17	Kellogg & Holloway, lumber and wood.....	68.78
393 June	29	Kenyon & Tabor, hardware.....	138.34
394 June	24	Bonniwell & Cobb, hardware.....	47.62
395 June	30	R. R. Plane & Co., hardware.....	34.92
396 June	9	W. P. Large & Co., slippers.....	32.65
397 May	31	A. Littlejohn & Son, slippers.....	16.66
398 June	29	J. Wackerbarth, shoes.....	6.00
398 June	9	Joan Wiley, shoes and slippers.....	47.67
400 June	30	Illinois Central Railroad Company, freights.....	76.56
401 June	24	B., C. R. & N. R. R. Co., freights.....	58.76
402 June	26	B., C. R. & N. R. R. Co., coal freights.....	869.85
403 June	30	Bradshaw & Wait, molasses.....	23.28
404 June	26	Morris, Tasker & Co., repairs.....	11.48
405 May	5	O. N. Hull, beans.....	5.67
406 July	1	Dubuque Times Company, Daily Times.....	4.00
407 June	26	Reid, Murdoch & Fischer, tea.....	33.63
408 June	22	Union Oil Company, soap stock.....	26.15
409 June	22	Wemott, Howard & Co., crockery.....	14.90
410 June	4	R. W. Helms, wood.....	20.50
411 June	30	Palmer, Winall & Co., stationery.....	20.00
412 June	14	Clark & Loveday, fish.....	62.40
413 April	1	Ham & Carver, exchanges.....	9.75
414 June	15	Kellogg & Holloway, posts.....	9.87
415 April	30	C. G. Carleton & Co., rubber rings.....	7.35
446 June	15	Wemott, Howard & Co., furnishing.....	51.65
427 June	12	Hansen & Linehan, linseed oil.....	46.35
418 April	19	James Vick, seeds and plants.....	4.39
419 April	13	E. W. Appelman, potatoes.....	13.41

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1880.		
410 May	7	Key City Gas Light Company, coke.....	\$ 77.40
421 June	30	E. I. Foster & Co., coal.....	245.50
422 June	5	Oakley & Keating, wringer.....	36.00
423 June	15	Thomas Shanon, fat cows.....	60.68
424 April	14	Fred Adece, stops and valves.....	33.00
425 April	12	Rock Island Glass Company, glass.....	40.19
426 June	23	Shaver & Dows, crackers.....	14.83
427 May	15	J. P. Farley & Sons, crackers.....	13.32
428 June	22	L. W. Loomis, chambers.....	18.50
429 June	7	Urbana Wine Co., wine.....	51.00
430 July	2	Rumpf, Hosford & Ferring, split peas.....	12.10
431 June	24	Rumpf, Hosford & Ferring, tea.....	186.56
432 June	30	Rumpf, Hosford & Herring, sugar.....	291.30
433 June	23	Rumpf, Hosford & Herring, groceries.....	872.57
434 April	2	Field, Leiter & Co., matting.....	22.27
435 April	5	J. W. Russell, brooms.....	14.70
436 June	2	Stuart & Douglas, bolted meal.....	20.00
437 April	20	S. M. Leach, flour.....	270.50
438 June	30	Field, Leiter & Co., notions.....	14.81
439 June	30	Field, Leiter & Co., knitting cottons.....	13.08
440 June	30	Field, Leiter & Co., dry goods.....	423.32
441 May	31	H. A. Hurlbut & Co., drugs and medicines.....	176.04
442 May	19	Taylor Bros., wood.....	24.37
443 March	20	The John A. Roebings Sons Co., wire rope.....	11.60
444 May	13	Novelty Iron Works, pulley.....	12.40
445 June	16	Crane Brothers Manufacturing Co., repairs.....	35.41
446 June	29	C. Weitman, beans.....	23.20
447 July	1	W. G. Donnan, salary.....	108.99
448 July	1	Illinois Central Railroad Company, freight.....	6.05
449 June	30	Williams' Harvester Co., reaper and mower.....	127.00
450 April	6	Bramhall, Deane & Co., range castings.....	50.72
451 June	30	Noyes Appelman, salary.....	200.00
452 June	30	Noyes Appelman, salary.....	6.00
453 June	30	Fisher Brothers, sundries.....	13.25
454 June	30	Z. Stout, lumber.....	233.27
455 June	30	C. L. Patrick, beef cattle.....	350.42
456 June	30	G. H. Robinson, hauling.....	117.43
457 June	26	W. T. Dale, repairs.....	4.00
458 June	30	George Netcutt, labor as mason.....	17.50
459 June	30	Valentine Shrimser, labor as mason.....	11.87
460 June	30	E. Kline, labor as mason.....	5.00
461 June	30	John Kline, labor.....	12.81
462 May	25	George Hovey, labor.....	8.50
463 July	3	Illinois Central Railroad Company, freights.....	17.49
464 June	30	Pay-roll for quarter ending June 30, 1880.....	4,871.04
465 July	19	R. S. Searls, fat heifers.....	45.00
466 July	14	Fisher Bros., butter.....	19.04
467 July	19	Antony Kayser, fat heifer.....	19.00
468 July	24	Thomas Shannon, veal, sheep and beef.....	62.47
469 July	3	Hugh Moffitt, potatoes.....	17.35
470 July	29	T. W. Fawcett, Visiting Committee.....	41.00
471 July	21	W. P. Large & Co., slippers.....	61.80
472 July	31	Hunter & Forrester, butter.....	124.68
473 July	15	Field, Leiter & Co., blankets.....	23.75

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1880.		
474 June	31	W. W. Grooms, chickens.....	\$ 5.00
475 August	2	Mrs. M. J. Hickey, chickens.....	5.00
476 August	1	American Express Co., express.....	3.95
477 August	2	R. S. Searls, milch cows.....	161.50
478 August	7	Mason & Stewart, butter.....	111.20
479 August	10	W. A. Jones, fat heifers.....	124.50
480 August	12	E. Leach, fat heifers.....	39.75
481 August	11	G. H. Wilson, fat heifers.....	75.00
482 August	14	S. A. Olney, Visiting Committee.....	24.50
483 August	18	W. M. Spice, fat heifer.....	25.25
484 August	4	W. P. Large & Co., shoes.....	107.87
485 August	23	Joseph Stumph, currants and baskets.....	18.00
486 August	24	S. F. Searls, butter.....	20.20
487 August	25	James Young, lambs and heifers.....	76.50
488 August	26	Martin Dingsley, chickens.....	5.00
489 Sept.	4	Ludwig Grims, fat heifer.....	19.00
490 Sept.	6	S. B. Olney, Visiting Committee.....	24.50
491 Sept.	7	W. H. Patrick, milch cows.....	107.50
492 Sept.	3	George Carr, chickens.....	6.65
493 Sept.	31	American Express Co., freights.....	3.30
494 Sept.	9	Mason & Stewart, butter.....	167.46
495 Sept.	15	La Fayette Young, veal calf.....	14.00
496 Sept.	17	Mason & Stewart, butter.....	199.98
497 Sept.	17	Henry Cook, fat heifers.....	45.75
498 Sept.	20	Thomas Shannon, fat heifers.....	138.61
499 Sept.	20	Anthony Kayser, wood.....	56.06
500 Sept.	15	Field, Leiter & Co., ladies' hose.....	22.56
501 Sept.	11	W. P. Large & Co., men's shoe pacs.....	34.08
502 Sept.	15	Tolman & King, alcohol.....	103.28
503 Sept.	25	Roger McGill, turkeys and chickens.....	16.66
504 Sept.	27	R. C. Bennett, corn.....	31.59
505 Sept.	9	L. A. Main, corn.....	4.30
506 Sept.	30	A. Reynolds, salary.....	500.00
507 Sept.	30	G. H. Hill, salary.....	225.00
508 Sept.	30	H. G. Brainerd, salary.....	150.00
509 Sept.	30	Mrs. L. M. Gray, salary.....	125.00
510 Sept.	30	E. Black, calves.....	68.80
511 Sept.	30	S. F. Searls, butter and beef.....	114.35
512 Sept.	30	A. Reynolds, cash advanced.....	145.63
513 Sept.	25	W. P. Large & Co., boots and shoes.....	121.36
514 Sept.	30	David Kroft, cut straw.....	12.00
515 Oct.	1	American Express Co., express.....	3.10
516 August	30	A. B. Clarke, cement.....	2.15
517 July	8	I. H. Emery, digging graves.....	3.00
518 Sept.	10	R. Stewart, sheep and heifers.....	124.50
519 August	20	Charles Larrabee, apples.....	27.03
520 Sept.	30	Daniel Delaney, chickens and turkey.....	4.56
521 Sept.	30	G. H. Robinson, hauling coal.....	108.72
522 Sept.	30	Noyes Appelman, cash advanced.....	9.48
523 Sept.	27	Tilman Ozias, soap.....	109.60
524 July	31	Clark & Loveday, fish.....	11.25
525 Sept.	29	Reid, Murdock & Fischer, fish.....	48.60
526 Sept.	29	Illinois Central Railway Co., freights.....	40.33
527 Sept.	27	G. W. Harner, sundries.....	4.32

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1880.		
528 Sept.	14	Crane Brothers Manufacturing Company, repairs.....	\$ 18.21
529 Sept.	27	Samuel Hulett, butter, eggs and currants.....	26.18
530 Sept.	27	M. A. Benson, butter and eggs.....	29.97
531 Oct.	2	Wm. Toman, printing and exchanges.....	17.30
532 Sept.	30	G. W. Watkins, butter and beef.....	584.91
533 Sept.	30	Independence Mills Co., flour and feed.....	1,164.49
534 Sept.	25	M. Reiter, clothing.....	465.75
535 Sept.	30	Woodruff & McDonald, groceries and crockery.....	209.14
536 Sept.	30	W. F. Curtis, butter and eggs.....	138.19
537 June	8	Dubuque Cabinet Makers' Association, upholstery.....	127.50
538 Sept.	27	Post & Sweet, dry goods.....	499.65
539 Sept.	27	John Barnett & Co., dry goods.....	136.76
540 Sept.	20	Fisher Bros., sundry groceries.....	104.42
541 Sept.	30	Wm. Toman, P. M., stamps, envelopes and postals.....	106.80
542 Sept.	23	Kenyon & Tabor, hardware.....	105.37
543 Sept.	28	C. R. Wallace, paints and oils.....	2.68
544 August	5	Davis & Son, fish.....	7.25
545 Sept.	27	Hugh McClernon, repairs on buggies and harness.....	32.40
546 Sept.	21	W. T. Dale, blacksmithing.....	5.70
547 Sept.	1	C. F. Herrick, repairs.....	1.75
548 July	13	Stuart & Douglas, bolted meal.....	18.50
549 July	18	Kellog & Holloway, repairs.....	10.75
550 July	30	L. J. Whitney, butter.....	55.74
551 July	1	Sampson George, butter and apples.....	14.51
552 July	30	M. Reiter, suit clothes.....	10.00
553 Sept.	20	Palmer, Winall & Co., bill-heads and vouchers.....	11.50
554 August	20	Alex. Webster, honey.....	2.00
555 Sept.	17	Wemolt, Howard & Co., lights and medical supplies.....	17.30
556 Sept.	9	H. W. Johns, Manufacturing Company, repairs.....	55.78
557 August	9	J. L. Mott Iron Works, repairs.....	40.01
558 August	15	J. A. Vincent, telephones.....	40.00
559 July	30	D. J. Hill, wood.....	36.00
560 Sept.	27	R. R. Plane & Co., hardware.....	42.60
561 August	16	John Wiley, boots and shoes.....	45.97
562 Sept.	17	Shaver & Dows, crackers.....	21.10
563 August	20	G. M. Olmstead & Co., soap.....	2.70
564 August	18	American Fusee Co., fuses.....	1.50
565 July	21	Urbana Wine Co., brandy.....	40.00
566 Sept.	29	John M. Fisher, lock buckles.....	18.00
567 Sept.	15	A. Hathaway, repairs.....	4.00
568 Oct.	2	H. M. Wilmarth, lava tips.....	2.50
569 Oct.	30	George Netcott, labor on repairs.....	29.50
570 Sept.	27	O. Marquette, furnishing.....	15.55
571 Sept.	27	Z. Stout, lumber.....	66.29
572 Sept.	29	Union Oil Co., soap stock.....	25.69
573 Sept.	30	John Barnett & Co., dry goods.....	4.45
574 July	24	Wait & Co., repairs.....	2.00
575 August	31	Geo. S. Woodruff, sundry groceries.....	61.53
576 Sept.	22	Williams & Son, fruit and beans.....	19.85
577 Sept.	24	Rumpf, Hosford & Ferring, beans.....	27.75
578 Sept.	23	Illinois Central Railroad Company, freight.....	3.00
579 Sept.	13	Hunter & Forrester, butter.....	95.78
580 Sept.	25	Tabor & Tabor, drugs and medicines.....	41.14
581 August	31	Charles Thomas, Sr., eggs.....	2.63

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
1880.			
582 Sept.	29	James Young, butter.....	\$ 92.48
583 Sept.	29	Conrad Reide, butter, plums, and chickens.....	62.62
584 Sept.	29	Mrs. A. B. Eaton, butter, eggs, and fruit.....	57.29
585 Sept.	25	Clark & Webber, blacksmithing.....	16.00
586 Sept.	16	George Smale & Co., white lead and sundries.....	33.63
587 Sept.	27	S. Waggoner, stationery.....	37.84
588 Sept.	27	John Wengert, hops, malt and barley.....	9.65
589 Sept.	28	Shaver & Dows, crackers.....	9.51
590 August	24	Morse & Littell, sewing-machine.....	30.00
591 August	11	Novelty Iron Works, pulley.....	4.00
592 July	31	Independence Mfg. Co., repairing window grates.....	6.80
593 Sept.	28	John T. Hancock & Sons, soap.....	114.66
594 August	31	E. B. Backus & Co., groceries.....	55.75
595 Sept.	30	Field, Leiter & Co., furnishing.....	86.42
596 Sept.	30	Field, Leiter & Co., furnishing.....	294.31
597 Sept.	30	H. A. Hurlbut & Co., drugs and medicines.....	252.17
598 Sept.	29	John T. Hancock & Sons, groceries.....	1,210.17
599 August	26	Illinois Central Railroad Co., repairs.....	18.70
600 Oct.	1	B. C. R. & N. R. P. Co., coal freights.....	1,645.61
601 Sept.	30	B. C. R. & N. R. P. Co., coal freights.....	45.49
602 August	17	J. Wackerbarth, boots and shoes.....	2.50
603 Oct.	2	A. H. Fonda, dailies.....	15.27
604 Sept.	30	J. J. Travis, wood, posts, apples, and plum.....	75.82
605 Sept.	30	Mason & Stewart, butter.....	128.16
606 Sept.	30	Field, Leiter & Co., blankets and sundries.....	331.18
607 Sept.	1	T. F. Curtis, livery teams for cattle.....	10.00
608 Sept.	30	Noyes Appelman, salary.....	200.00
609 Sept.	30	E. J. Foster & Co., coal.....	470.29
610 Sept.	30	W. G. Donnan, salary.....	82.09
611 Sept.	30	Ham & Carver, exchanges.....	9.75
612 Sept.	30	A. L. Jones, steam trap.....	75.00
613 Sept.	30	Pay-roll for quarter ending September 30, 1880.....	4,823.79
1 Oct.	12	G. W. Harner, eggs, apples, and straw.....	\$72,071.92
2 Oct.	21	Vias Peck, salary.....	75.31
3 Oct.	27	W. T. Curtis, veal calves.....	78.00
4 Oct.	28	Mrs. L. S. Kincaid, Visiting Committee.....	21.55
5 Oct.	25	Mason & Stewart, butter.....	25.00
6 Nov.	1	George W. Watkins, steers.....	194.35
7 Nov.	4	G. W. Harner, chickens and turkeys.....	570.30
8 Oct.	12	George Parish, chickens.....	26.05
9 Oct.	18	Mrs. M. J. Hickey, chickens.....	14.40
10 Nov.	15	Mason & Stewart, butter.....	4.35
11 Nov.	17	Paul Ellings, eggs.....	124.80
12 Oct.	29	American Express Co., express.....	16.20
13 Nov.	19	T. W. Fawcett, Committee.....	9.60
14 Nov.	23	Martin Ozias, turkeys.....	42.00
15 Nov.	24	Mason & Stewart, butter and eggs.....	18.20
16 Nov.	22	I. H. Emery, threshing and turkeys.....	276.50
17 Oct.	30	W. P. Large & Co., men's slippers.....	32.56
18 Nov.	26	Trommer Extract of Malt Co., extract of malt.....	110.82
19 Nov.	22	Del Brown, turkeys.....	17.50
20 Dec.	1	Paul Ellings, eggs.....	11.44
			5.70

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
1880.			
21 Nov.	20	E. F. Houghton & Co., cosmoline.....	\$ 7.38
22 Dec.	9	G. A. Appelman, beans.....	8.56
23 Dec.	1	American Express Co., express.....	6.55
24 Dec.	4	E. B. Preston, hose, nozzles, etc.....	196.15
25 Nov.	23	Field, Leiter & Co., blankets.....	425.63
26 Dec.	3	Kenley & Jenkins, naphtha.....	231.00
27 Dec.	18	Mason & Stewart, butter.....	265.27
28 Dec.	20	Christian Schmidt, corn.....	13.69
29 Dec.	20	Martin Dingsley, turkeys.....	16.50
30 Dec.	20	David Kroft, turkeys.....	14.70
31 Dec.	18	David Bryson, corn.....	19.16
32 Dec.	21	P. P. Hayes, turkeys.....	38.25
33 Dec.	22	S. B. Olney, committee.....	24.50
34 Dec.	27	James Bryson, corn.....	19.00
35 Dec.	27	Martin Dingsley, corn.....	56.33
36 Dec.	28	S. F. Searls, butter.....	23.07
37 Dec.	16	Anton Kayser, corn.....	24.60
38 Dec.	31	David Bryson, corn.....	28.50
39 Dec.	31	Frank Cobb, fat cattle.....	244.80
40 Dec.	31	G. H. Hill, salary.....	22.00
41 Dec.	31	Noyes Appelman, salary.....	225.00
42 Dec.	31	A. Reynolds, salary.....	500.00
43 Dec.	31	H. G. Brainerd, salary.....	200.00
44 Dec.	31	Mrs. L. M. Gray, salary.....	150.00
45 Dec.	18	Mason & Stewart, eggs.....	63.00
46 Dec.	21	Post & Sweet, dry goods.....	84.07
47 Dec.	31	A. Reynolds, cash advanced.....	112.23
48 Dec.	31	Kenyon & Tabor, hardware.....	72.65
49 Dec.	30	James Young, butter and turkeys.....	100.32
50 Dec.	31	J. J. Beilcher, re-binding books.....	8.90
51 Dec.	30	Whait & Co., repairing.....	14.35
52 Dec.	30	Independence Mills Co., flour and feed.....	1,174.70
53 Dec.	7	Charles Truax, drugs and medicines.....	83.21
54 Nov.	9	J. L. Mott Iron Works, traps and strainers.....	5.88
55 Dec.	28	Fisher Bros., groceries.....	431.66
56 Nov.	8	E. H. Kellogg, oil.....	44.85
57 Oct.	21	Charles C. Claghorn, granula.....	3.00
58 Nov.	1	E. W. Albee, crackers.....	10.05
59 June	3	Eber & Walters, box stuff.....	2.00
60 Nov.	13	John T. Brown, shoe and clothing buckles.....	18.36
61 Dec.	20	Kellogg & Holloway, lumber and fencing.....	44.43
62 Oct.	27	John Wengert, ice and hops.....	6.75
63 Nov.	3	Frank Megow & Bro., castings and cranberries.....	29.96
64 Dec.	11	Z. Stout, lumber.....	40.27
65 Dec.	16	Stuart & Douglas, oatmeal.....	18.00
66 Dec.	20	Shaver & Dows, soda crackers.....	22.88
67 Dec.	21	H. A. Hurlbut & Co., drugs and medicines.....	286.54
68 Dec.	11	Edward L. Wilson, magic lantern views.....	51.50
69 Dec.	20	A. B. Clarke, cement.....	2.15
70 Nov.	26	American Fuse Co., parlor fuses.....	3.00
71 Nov.	10	A. L. Williston, indelible ink.....	11.25
72 Dec.	15	Hunter & Forrester, butter and eggs.....	51.70
73 Dec.	15	Union Oil Co., soap stock.....	29.12
74 Nov.	15	Clark & Loveday, fish.....	181.13

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
1880.			
75 Dec.	22	Independence Manufacturing Co., repairs.....	\$ 4.90
76 Dec.	25	A. H. Fonda, dairies.....	11.14
77 Dec.	28	Hugh McClernon, repairs.....	67.75
78 Dec.	29	E. B. Backus & Co., fruit.....	12.41
79 Dec.	1	W. T. Dale, wheelbarrow and wagon-pole.....	10.25
80 Nov.	12	O. Marquette, furnishing.....	2.95
81 Oct.	20	Edwards & Co., eggs and beans.....	12.73
82 Dec.	21	George Smale & Co., drugs, paints and oils.....	11.50
83 Dec.	28	John T. Hancock & Sons, brooms.....	34.90
84 Dec.	29	A. G. Spalding & Bro., library and diversions.....	13.00
85 Dec.	29	G. M. Olmstead & Co., soap.....	70.56
86 Nov.	20	Cedar Rapids Gas Light Co., coke.....	70.93
87 Dec.	29	Hathaway & Higgins, repairs.....	3.55
88 Dec.	24	Joseph Patterson, wood.....	162.00
89 Nov.	26	P. Nicklaus, wood.....	108.00
90 Dec.	28	R. R. Plane & Co., hardware.....	6.30
91 Dec.	23	Field, Leiter & Co., dry goods.....	315.13
92 Dec.	20	Wemott, Howard & Co., furnishing.....	53.30
93 Dec.	23	M. Reitler, clothing.....	132.85
94 Dec.	23	G. W. Watkins, butter and eggs, cow, and turkeys.....	65.36
95 Dec.	31	L. J. Whitney, butter.....	67.59
96 Oct.	25	Sampson George, apples.....	29.81
97 Dec.	28	American Smelting Co., fitting locks (void).....	181.32
98 Dec.	20	Bonniwell & Cobb, hardware.....	12.89
99 Nov.	29	Samuel Hulett, butter, eggs and chickens.....	19.35
100 Nov.	15	R. Stewart, butter, and sheep.....	25.10
101 Dec.	23	Field, Leiter & Co., hair.....	1,118.82
102 Dec.	24	Reid, Murdoch & Fischer, groceries.....	399.50
103 Dec.	23	Henry W. King & Co., clothing.....	15.20
104 Dec.	31	J. Wackerbarth, repairs on boots and shoes.....	109.46
105 Dec.	31	Tabor & Tabor, drugs and medicines.....	46.46
106 Dec.	30	Conrad Reide, butter, eggs, and chickens.....	29.70
107 Dec.	25	Clark & Webber, blacksmithing.....	65.70
108 Dec.	30	Wm. Toman, postmaster, stamps and postals.....	8.00
109 Oct.	15	Martin Ozias, pasturing cows.....	9.75
110 Dec.	31	Ham & Carver, exchanges.....	155.79
111 Dec.	30	Hilton Ozias, soap.....	41.46
112 Dec.	30	George Sauerbier, repairs on clocks.....	11.30
113 Dec.	21	J. J. Travis, wood and poles.....	10.60
114 Dec.	21	L. W. Loomis, chambers.....	51.43
115 Dec.	28	John Wiley, clothing.....	18.95
116 Dec.	11	S. Waggoner & Co., stationery.....	14.38
117 Dec.	21	Frank Cobb, difference on cows.....	5.00
118 Nov.	6	W. S. Wallace, draying.....	3.75
119 Nov.	6	Thomas Lincoln, draying.....	47.20
120 Dec.	24	Noyes Appelmann, cash advanced.....	31.35
121 Dec.	31	W. F. Curtis, butter.....	101.01
122 Dec.	22	Bramhall, Deane & Co., repairing boiler.....	72.32
123 Dec.	24	Crane Bros. Manufacturing Co., repairs.....	100.17
124 Dec.	30	Illinois Central Railway Co., freights.....	26.22
125 Dec.	20	M. Vandusen, eggs.....	6.00
126 Nov.	28	American Express Co., express.....	12.10
127 Dec.	31	A. H. Frank, oysters.....	57.17

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
1880.			
129 Dec.	31	Woodruff & McDonald, groceries.....	\$ 173.63
130 Dec.	31	E. I. Foster & Co., coal.....	661.64
131 Dec.	20	John Barnett & Co., dry goods.....	35.05
132 Dec.	31	B., C. R. & N. R. R. Co., freights on coal.....	1,908.56
133 Dec.	31	B., C. R. & N. R. R. Co., freights.....	274.60
134 Dec.	31	W. G. Donnan, salary as Treasurer.....	99.65
135 Dec.	31	Pay-roll, hauling coal.....	203.10
136 Dec.	31	Pay-roll, filling ice-house.....	93.58
137 Dec.	31	Pay-roll, employees.....	5,084.46
1881.			
138 Jan.	3	Mason & Stewart, butter.....	95.85
139 Jan.	4	John T. Hancock & Son, soap.....	114.66
140 Jan.	3	Lafayette Young, steers.....	80.25
141 Jan.	21	Sampson George, beef cattle.....	355.06
142 Jan.	22	David Borst, butter.....	20.48
143 Jan.	24	Elisha Sanborn, beef cattle.....	130.05
144 Jan.	25	S. Wendling, corn.....	60.20
145 Jan.	25	D. L. Robinson, spring-wagon.....	100.00
146 Jan.	26	G. N. Warren, milch cow.....	35.00
147 Jan.	27	Trommer Extract Malt Co., malt.....	52.50
148 Jan.	29	Martin Dingsley, hay.....	2.60
149 Jan.	31	C. O. Wellman, fat cattle.....	199.08
150 Jan.	28	Elizabeth Gray, corn.....	49.34
151 Feb.	3	Martin Dingsley, chickens.....	2.48
152 Feb.	10	David Borst, butter and eggs.....	14.01
153 Feb.	10	E. T. Matthews, horses.....	232.00
154 Feb.	11	Edward Cobb, steers.....	95.76
155 Feb.	5	Elizabeth Gray, chickens.....	4.80
156 Jan.	31	American Express Co., express.....	4.20
157 Feb.	22	Ward B. Agnew, steers.....	369.40
158 Jan.	26	W. P. Large & Co., shoes.....	36.15
159 Feb.	25	A. Minton, steers.....	258.09
160 Feb.	5	Mrs. Mary Shine, milch cow.....	35.00
161 Feb.	28	Frank Cobb, two heifers.....	66.50
162 March	1	Mason & Stewart, butter.....	152.80
163 Feb.	5	Hunter & Forrester, butter.....	430.73
164 Feb.	25	Mrs. Elizabeth Gray, corn.....	18.45
165 March	10	S. B. Olney, Committee.....	24.50
166 March	11	Thomas Shannon, butter, eggs, calf, and chickens.....	17.69
167 Feb.	26	American Express Co., express.....	5.25
168 Jan.	25	John Hollett, one barrel-cart.....	16.50
169 March	8	W. P. Large & Co., shoes.....	18.64
170 March	17	Joseph Sutter, potatoes.....	12.57
171 March	22	Henry Meyer, steers.....	112.80
172 Feb.	22	A. W. Sears, shoes for women.....	36.72
173 Jan.	5	Reid, Murdoch & Fischer, rice.....	97.97
174 March	15	H. A. Hurlbut & Co., drugs and medicines.....	82.67
175 March	19	Charles Truax, drugs and medicines.....	95.97
1880.			
176 Dec.	31	E. B. Backus & Co., maple sirup.....	1.30
1881.			
177 March	8	A. Y. McDonald, repairs.....	28.25
178 March	17	Sampson George, one milch cow.....	37.50
179 March	10	John Barnett & Co., dry goods and furnishing.....	88.70

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
1881.			
180 March	31	Morse & Littell, dry goods.....	\$ 12.49
181 March	31	A. Reynolds, salary.....	500.00
182 March	31	G. H. Hill, salary.....	225.00
183 March	31	H. G. Brainerd, salary.....	200.00
184 March	31	Noyes Appelman, salary.....	225.00
185 March	29	Mrs. L. M. Gray, salary.....	150.00
186 April	2	George Sheridan, steers.....	147.60
187 April	2	J. M. Flemming, fat cattle.....	358.87
188 April	1	William Brady, fat cattle.....	314.30
189 April	1	C. R. Faulkner, labor, unloading coal.....	9.75
190 March	31	Wm. Toman, postmaster, postage and envelopes.....	73.40
191 March	7	John Miller, butter and eggs.....	72.03
192 March	31	W. F. Curtis, butter.....	212.20
193 March	30	Kenyon & Tabor, hardware.....	139.21
194 March	16	R. R. Plane & Co., hardware.....	20.75
195 March	30	M. Reitler, clothing.....	10.50
196 March	25	H. A. Kohn & Bros., clothing.....	237.45
197 March	27	Tabor & Tabor, drugs and furnishing.....	52.65
198 March	29	Z. Stout, lumber.....	52.24
199 March	8	Kellogg & Holoway, one barrel lime.....	1.25
200 Feb.	23	Palmer, Winall & Co., postage and stationery.....	35.00
201 April	4	Joseph Stumph, laundry baskets.....	20.00
202 Feb.	28	Fred. Adee, repairs.....	37.13
203 Jan.	28	Hansen & Lineham, fire clay.....	6.25
204 March	1	James Vick, seeds.....	30.95
205 April	2	C. G. Carleton & Co., repairs.....	9.20
206 March	8	Wemott, Howard & Co., medicine, glasses and furnishing.....	22.70
207 Feb.	11	Rock Island Glass Works, glass.....	14.10
208 March	30	A. Reynolds, cash advanced.....	81.45
209 March	14	Hathaway & Higgins, repairs.....	15.05
210 March	31	Ham & Carver, exchanges.....	9.75
211 March	22	Joseph Bancroft, seeds and plants.....	30.55
212 March	31	C. F. Herrick, repairs on clocks, etc.....	22.05
213 March	2	Geo. W. Watkins, butter and eggs.....	9.48
214 March	29	Clark & Webber, blacksmithing.....	28.80
215 Feb.	24	Douglas, Stuart & Forrest, oatmeal.....	9.50
216 Feb.	19	E. Baggot, lamps and fixtures.....	23.60
217 Feb.	19	John T. Hancock & Son, brooms.....	2.00
218 March	30	James Young, butter.....	35.43
219 March	3	George Smale & Co., paints and oils.....	11.50
220 March	25	Marshall, Field & Co., furnishing.....	100.64
221 March	25	Marshall, Field & Co., furnishing.....	57.33
222 March	25	Marshall, Field & Co., furnishing.....	445.88
223 Jan.	19	Stuart & Douglas, oatmeal.....	9.00
224 March	31	Independence Mills Co., flour and feed.....	1,084.20
225 March	16	J. Wackerbarth, repairs on shoes.....	3.90
226 March	7	L. A. Main, butter.....	38.78
227 March	25	M. Reitler, clothing.....	18.72
228 March	26	Bonniwell & Cobb, hardware.....	66.65
229 March	31	O. Marquette, furnishing.....	80.70
230 March	22	John Wiley, shoes.....	38.30
231 March	26	Hunter & Forrester, butter and eggs.....	306.25
232 March	26	Henry K. Worthington, repairs.....	98.90
233 March	21	A. H. Fonda, dailies.....	17.21

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
1881.			
234 March	29	Charles J. Field, ward keys.....	\$ 10.80
235 March	29	Hugh McClernon, repairs on harness and restraints.....	44.10
236 March	9	Shaver & Dows, crackers.....	28.55
237 March	30	McDonald Bros., sundry groceries.....	185.48
238 Feb.	25	H. G. Brainerd, bedstead and mattress.....	23.00
239 Jan.	25	L. W. Loomis, chambers.....	27.75
240 March	5	A. Littlejohn & Son, repairs on shoes.....	6.40
241 Jan.	13	Kemmerer, Lamb & Co., beans.....	11.00
1880.			
242 Dec.	24	Mrs. O. M. Gillette, women's hats, etc.....	9.05
1881.			
243 April	2	Novelty Iron Works, repairs.....	7.16
244 March	16	Rosenblatt & Co., soap chips.....	21.55
245 March	16	American Fusee Company, fusees.....	4.50
246 March	17	Clark & Loveday, fish.....	56.35
247 March	10	Reid, Murdoch & Fischer, fish.....	11.23
248 March	15	Crane Brothers Manufacturing Company, repairs.....	113.57
249 March	30	Fisher Brothers, groceries.....	254.88
250 April	2	S. Waggoner, stationery.....	6.94
251 March	26	J. A. Stevens, butter and eggs.....	30.24
252 March	26	A. H. Frank, oysters and fruit.....	69.49
253 March	23	The Fowler Co., cheese.....	14.21
254 March	31	Post & Sweet, sundry dry goods.....	149.39
255 April	1	William Toman, postage and stationery.....	27.30
256 March	25	McNeil & Higgins, groceries.....	1,360.07
257 March	30	Adams & Westlake Manufacturing Co., oil stove.....	15.38
258 March	31	W. P. Large & Co., boots and shoes.....	121.00
259 March	22	John Wengert, beer, malt and barley.....	15.05
260 Jan.	7	F. S. Appelman, meat blocks.....	8.30
261 Jan.	10	Samuel Hulet, chickens.....	4.50
262 Jan.	7	M. A. Benson, beans.....	5.40
263 March	2	L. J. Whitney, butter and eggs.....	12.20
264 March	21	T. Ozias, soap.....	83.88
265 March	21	A. B. Eaton, butter and eggs.....	20.95
266 March	30	Conrad Reide, butter and eggs.....	92.94
267 March	1	Paul Ellings, beans.....	18.52
268 March	31	American Express Co., express.....	4.25
269 March	31	B. C. R. & N. Railroad Co., coal freights.....	3,749.59
270 March	31	B. C. R. & N. Railroad Co., freight.....	79.66
271 March	26	Illinois Central Railroad Co., freights.....	38.23
272 March	31	E. I. Foster & Co., coal.....	1,144.81
273 March	31	Charles Thomas, contingent expenses.....	56.25
274 March	31	E. I. Foster & Co., coal.....	63.00
275 March	31	Clinton Wilson, wood.....	260.00
276 Jan.	26	B. C. R. & N. Railroad Co., freight on coal.....	203.00
277 March	8	Zenas Fary, hauling.....	4.84
278 March	29	Jarvis Marquette, four loads ice.....	5.00
279 March	31	Noyes Appelman, contingent expenses.....	5.15
280 April	2	G. H. Robinson, hauling.....	126.11
281 March	31	Illinois Central Railroad Co., freights.....	2.70
282 April	7	W. G. Donnan, salary and exchange on warrants.....	108.09
283 March	31	Pay-roll for quarter ending March 31, 1881.....	5,546.97
284 April	13	James Hickey, one milch cow.....	40.00
285 April	20	T. W. Hawcett, Committee.....	41.00

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1881.		
286 April	20	Mrs. L. Kincaid, Committee.....	26.00
287 April	20	Dr. S. B. Olney, Committee.....	24.50
288 April	26	David Borst, butter and eggs.....	12.85
289 April	23	The Fowler Co., cheese.....	29.26
290 April	26	G. B. Smeattie, chickens.....	2.00
291 May	6	David Borst, butter.....	8.93
292 May	7	Jacob Hohl, steers.....	410.12
293 April	30	Dr. E. M. Bissell, maple sugar.....	28.08
294 May	11	J. J. Travis, cow, calf, and potatoes.....	56.48
295 May	13	Zenas Ferry, one fat cow.....	48.00
296 May	14	David Borst, butter.....	7.20
297 May	18	John Corton, potatoes.....	3.62
298 May	26	Mrs. L. S. Kinkaid, Committee.....	26.00
299 April	30	W. P. Large & Co., women's shoes.....	14.11
300 April	30	American Express Co., express.....	4.95
301 June	1	American Express Co., express.....	2.85
302 June	6	Dr. S. B. Olney, Committee.....	24.50
303 June	7	Thomas Shannon, steers.....	111.60
304 June	1	W. M. Young, steers.....	282.70
305 June	1	Miss Sarah S. Clark, lambrequin.....	8.25
306 May	28	The Fowler Co., cheese.....	19.08
307 April	18	Urbana Wine Co., wine and brandy.....	148.80
308 April	9	R. B. Fiester, painting bus.....	15.00
309 May	13	C. R. Millington, potatoes.....	4.00
	1878.		
310 Nov.	30	H. Pfozter, restraints.....	13.20
	1881.		
311 April	12	Charles J. Field, locks.....	26.30
312 April	22	Cedar Rapids Oil Works, linseed oil.....	13.16
313 May	6	Union Oil Co., soap stock.....	29.75
314 April	23	Kenley & Jenkins, naphtha.....	209.00
315 April	8	Trommer Extract of Malt Co., malt.....	52.50
316 April	23	James Beach, soap.....	41.60
317 June	13	Hansen & Linahan, potatoes and fire-clay.....	151.75
318 June	13	Edwards & Co., potatoes.....	5.39
319 April	16	Macdonald Bros., eggs.....	14.40
320 April	13	T. Coghlan & Sons, bedsteads.....	38.50
321 June	15	C. W. Williams & Co., potatoes.....	6.93
322 May	27	Webster & Tabor, potatoes.....	5.22
323 May	31	Henry R. Worthington, repaired plungers.....	16.00
324 April	18	Allen B. Wrisley, soap.....	36.00
325 June	13	W. P. Large & Co., shoes and slippers.....	160.08
326 June	15	Charles Truax, drugs and medicines.....	151.00
327 June	25	John Burrell, one fat heifer.....	23.50
328 June	27	R. S. Searls, fat cattle.....	137.40
229 July	1	Wm. Toman, printing.....	40.00
330 June	23	M. Reiter, clothing.....	169.50
331 June	30	Curwen, Stoddard & Bro., pants.....	47.50
332 June	16	John Barnett & Co., dry goods.....	50.56
333 June	24	Post & Sweet, dry goods.....	97.32
334 June	25	B. C. R. & N. R. Co., freights.....	186.15
335 June	16	Cedar Rapids Gas-light Co., coke.....	94.76
336 June	30	J. J. Travis, wood.....	73.10
337 April	11	E. J. Foster & Co., coal.....	11.87

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1881.		
338 June	27	Illinois Central Railroad Co., freights.....	66.24
339 June	27	John T. Hancock & Son, groceries.....	674.91
340 July	2	F. T. Olmstead, fruit.....	8.50
341 June	29	F. P. Delaney, chamber set for trustees' room.....	10.00
342 June	16	The Fowler Co., cheese.....	11.76
343 April	9	A. H. Frank, maple sugar.....	1.14
344 June	22	Douglas, Stuart & Forrest, oatmeal.....	25.00
345 June	28	McNeil & Higgins, groceries.....	888.90
346 June	9	Shaver & Dows, sundries.....	39.65
347 June	23	L. D. Newcomb, sundries.....	31.30
348 June	27	Crane Bros. Manufacturing Co., repairs.....	184.41
349 June	27	Hugh McClemon, repairs.....	68.15
350 June	27	Whit & Co., repairs.....	9.25
351 June	28	Clark & Webber, blacksmithing.....	18.80
352 May	25	Seth Peck, repairs for farm.....	6.25
353 May	30	Hathaway & Higgins, repairs.....	8.75
354 June	16	Kellogg & Holloway, repairs.....	20.31
355 June	16	Crane Bros. Manufacturing Co., repairs.....	14.90
356 June	3	Marshall, Field & Co., dry goods.....	129.54
357 June	29	Marshall, Field & Co., rubber sheets.....	12.00
358 June	29	Marshall, Field & Co., dry goods.....	112.26
359 June	29	Marshall, Field & Co., dry goods.....	258.39
360 June	30	A. Reynolds, salary.....	500.00
361 June	30	G. H. Hill, salary.....	225.00
362 June	30	H. G. Brainerd, salary.....	200.00
363 June	30	Noyes Appelman, salary.....	225.00
364 June	30	Mrs. L. M. Gray, salary.....	150.00
365 May	30	Frank Cobb, one fat cow.....	43.75
366 June	29	A. Reynolds, cash advanced.....	167.60
367 June	21	Thomas Shannon, veal and sheep.....	119.10
368 June	29	Kenyon & Tabor, hardware.....	141.25
369 June	23	G. W. Watkins, butter and eggs.....	26.49
370 June	23	F. Searls, butter.....	8.60
371 May	22	J. M. Honck, butter and eggs.....	24.95
372 June	30	Conrad Reide, butter, and eggs, and chickens.....	94.70
373 March	10	James Young, butter.....	6.44
374 June	30	James Young, butter.....	81.68
375 April	16	C. M. Barritt, butter.....	14.58
376 June	28	Hunter & Forrester, butter and eggs.....	463.76
377 June	30	Charles Thomas, Sr., eggs.....	5.35
378 June	27	David Borst, butter.....	32.88
379 June	29	Henry Cook, butter and eggs.....	199.76
380 June	29	L. A. Main, butter and eggs.....	20.10
381 June	30	M. A. Bole, butter.....	8.40
382 June	30	John Miller, butter and eggs.....	96.01
383 June	30	W. F. Curtis, butter and eggs.....	175.37
384 June	27	Samuel Hulett, butter and eggs, and corn.....	23.09
385 June	30	L. J. Whitney, butter and eggs.....	48.97
386 June	14	E. Leach, butter.....	20.96
387 June	29	A. B. Eaton, butter, eggs, and currants.....	68.06
388 June	23	Davies & Ahern, fish.....	2.70
389 June	24	Clark & Loveday, fish.....	60.15
390 May	31	Palmer, Winall & Co., vouchers.....	5.00
391 June	7	Kemmerer, Lamb & Co., grass seed and corn.....	29.80

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
392 June	1881.	15 Walzer Schulzize, potatoes.....	\$ 10.40
393 April		6 J. J. Beutcher, book binding.....	1.50
394 June		20 C. E. Getchell, furnishing.....	35.10
395 May		23 Rosenblatt & Co., soap chips.....	28.83
396 June		20 John M. Fisher, lock buckles.....	45.00
397 June		1 Manning & Conable, corn plow.....	20.00
398 June		30 T. F. Curtis, livery.....	5.50
399 June		30 Ham & Carver, papers.....	9.75
400 June		30 Samuel Hulett, oats and hay.....	43.77
401 May		30 R. W. Helms, wood.....	33.75
402 June		30 A. H. Fonda, dailies.....	12.83
403 June		30 Wm. Toman, P. M., postals and stamps.....	44.00
404 June		25 Tabor & Tabor, drugs and medicines.....	67.71
405 June		25 Trommer Extract of Malt Company, malt.....	52.50
406 June		27 Jarvis Marquette' drayage.....	118.08
407 June		30 Zemas R. Fary, hauling coal.....	13.50
408 June		30 G. H. Robinson, hauling coal.....	16.50
409 June		30 I. H. Emery, drayage.....	24.63
410 June		11 W. H. Joslin, potatoes.....	7.62
411 June		24 Williams & Son, fruit and fish.....	2.10
412 June		21 T. Ozias, soap.....	6.30
413 June		13 Adelbert Brown, straw.....	24.12
414 June		30 Noyes Appelmann, cash advanced.....	7.00
415 June		25 O. Marquette, furnishing.....	23.66
416 June		20 S. Waggoner & Co., stationery.....	110.29
417 June		23 John Wiley, shoes, and repairs on same.....	4.90
418 June		30 W. W. Donnan, salary.....	73.93
419 June		4 C. F. Herrick, clocks and repairs.....	124.89
420 June		4 R. R. Plane & Co., hardware.....	15.65
421 June		27 Fisher Bros., groceries.....	18.39
422 June		2 Mrs. O. M. Gillette, millinery.....	218.08
423 June		27 John M. Fisher, restraints.....	20.36
424 June		27 John Barnett & Co., prints.....	39.00
425 June		18 Wemott, Howard & Co., med. supplies and furnishing.....	17.47
426 May		26 Independence Mills Co., flour and feed.....	42.80
427 April		30 Rush Lake, stock hog.....	719.21
428 July		5 Hanson & Linehan, lead.....	10.00
429 July		6 M. Reiter, clothing.....	7.89
430 July		30 Independence Mills Co., flour and feed.....	21.75
431 June		5 Kemmerer, Lamb & Co., buckwheat.....	433.59
432 June		30 Tilman Ozias, soap.....	4.72
433 June		28 John Wengert, beer.....	16.00
434 June		1 Kemmerer, Lamb & Co., oats.....	8.50
435 July		27 Z. Stout, repairs.....	32.00
436 June		1 American Express Co., freights.....	56.09
437 July		30 Pay-roll for quarter ending June 30, 1881.....	5.70
438 June		18 Trommer, Ext. of Malt Co., Ext. of malt and oil.....	5,671.35
439 June		1 Illinois Central Railroad Co., freights.....	35.00
440 July		23 Joseph Stumph, currants.....	7.60
441 July		12 Sophia Walters furnishing.....	6.10
442 July		23 Antony Kayser, oats.....	16.00
443 July		15 S. F. Searls, cattle.....	16.63
444 July		19 E. E. Wilson, currants.....	199.08
445 July			4.93

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
446 July	1881.	21 Mrs. L. S. Kincaid, Committee.....	\$ 26.00
447 July		26 George W. Brown, sheep.....	64.56
448 July		28 R. Andrus, chickens.....	5.00
449 July		30 Thomas Shannon, fat cattle.....	294.00
450 July		30 American Express Co., express.....	7.90
451 August		6 David Borst, butter.....	30.60
452 August		9 Thomas Searcliff, oats.....	32.16
453 July		6 The Fowler Co., cheese.....	10.92
454 August		15 David Borst, butter.....	9.18
455 August		15 Wm. A. Jones, beef.....	102.30
456 August		17 G. W. Searls, beef.....	8.07
457 August		17 George W. Brown, sheep.....	262.80
458 July		13 James Young, veal calf.....	62.08
459 August		13 Nicholas Soward, cleaning sewer.....	8.07
460 August		22 I. H. Emery, threshing.....	30.00
461 August		12 James McKenzie, straw.....	17.60
462 July		28 Bouvi, Daniels & Goss, men's clothing.....	3.97
463 August		26 S. B. Olney, Committee.....	285.00
464 August		31 L. Seltzer, chickens.....	24.50
465 August		23 M. J. Hickey, straw.....	8.10
466 Sept.		5 Thomas Downing, oats.....	4.90
467 Sept.		5 George W. Searls, fat cattle.....	40.40
468 Sept.		6 Thomas B. Downing, oats.....	246.55
469 August		29 American Express Co., express.....	19.20
470 Sept.		8 Fred. Luloff, bull.....	2.95
471 August		26 The Fowler Co., cheese.....	45.00
472 August		29 Edwin Cobb, steers.....	22.74
473 August		26 W. P. Large & Co., slippers.....	828.37
474 August		15 W. P. Large & Co., men's slippers.....	40.43
475 August		9 Dennis Ayrie, straw.....	57.55
476 Sept.		21 L. Seltzer, chickens.....	12.50
477 Sept.		23 Martin Dingley, chickens.....	4.20
478 Sept.		28 S. B. Olney, Committee.....	5.70
479 Sept.		27 E. Black, veal.....	25.50
480 Sept.		20 McNeil & Higgins, sundry groceries.....	27.20
481 Sept.		21 Marshall, Field & Co., dry goods.....	1,673.42
482 Sept.		21 Marshall, Field & Co., dry goods.....	541.90
483 Sept.		30 A. Reynolds, salary.....	492.39
484 Sept.		30 G. H. Hill, salary.....	500.00
485 Sept.		30 H. G. Brainerd, salary.....	225.00
486 Sept.		30 Noyes Appelmann, salary.....	200.00
487 Sept.		30 Mrs. L. M. Gray, salary.....	225.00
488 Sept.		30 Kenyon & Tabor, hardware.....	150.00
489 Sept.		23 Bonniwell & Cobb, hardware.....	65.25
490 Sept.		29 R. R. Plane & Co., hardware.....	185.85
491 Sept.		27 M. Reiter, mens' clothing.....	51.24
492 Oct.		1 Marshall, Field & Co., ladies vests.....	182.95
493 Sept.		28 Morse & Littell, dry goods.....	58.75
494 Sept.		6 Post & Sweet, dry goods.....	156.60
495 Sept.		27 John Barnett & Co., dry goods.....	94.64
496 Sept.		19 Charles Thomas, eggs.....	114.08
497 Sept.		30 W. F. Curtis, butter and eggs.....	5.61
498 Sept.		19 Samuel Hulett, butter and eggs.....	104.58
499 Sept.		23 James Young, butter.....	12.21
			52.68

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
500	1881.		
501	Sept.	30 L. J. Whitney, butter and eggs	71.21
501	August	13 S. F. Searls, butter	34 10
502	Sept.	7 M. A. Bole, butter and eggs	40.71
503	Sept.	30 Conrad Reide, butter, eggs and fruit	91.96
504	Oct.	1 Hunter & Forrester, butter and eggs	873.96
505	Sept.	1 L. A. Main, eggs	5.16
506	Sept.	23 John Miller, butter	42.83
507	Sept.	26 A. B. Eaton, butter and eggs	50.19
508	Sept.	29 Henry Cooke, butter	116.53
509	Sept.	27 J. A. Stevens, butter	105.78
510	Sept.	23 W. M. Young, sheep	135.72
511	Sept.	14 Thomas Shannon, veal	114.54
512	August	26 C. E. Getchell, furnishing	14.72
513	August	27 F. P. Delaney, furnishing	82.89
514	Sept.	7 Davis & Ahern, fish	2.50
515	Sept.	1 J. S. Shine, oysters	1.20
516	Sept.	26 Edwards & Co., groceries	6.59
517	Sept.	29 McNeil & Higgins, split peas	26.28
518	Sept.	30 Clark & Loveday, fish	100.30
519	Sept.	28 Fisher Bros., groceries, etc	317.43
520	Sept.	6 Williams & Son, groceries	35.29
521	Sept.	30 W. Reitler, clothing	149.05
522	Sept.	30 Bonniwell & Cobb, hardware	146.94
523	Sept.	24 Tabor & Tabor, medicine supplies	51.04
524	Sept.	30 John Wiley, boots and shoes	52.32
525	Sept.	28 J. Wackerbath, boots and shoes	117.85
526	Sept.	30 C. B. Candy, ice	12.84
527	Sept.	30 G. H. Robinson, hauling coal	99.36
528	Sept.	30 Jonas R. Farring, hauling coal	55.64
529	Sept.	30 Jerome Robinson, hauling coal	22.03
530	Sept.	30 Clark & Webber, blacksmithing	24.20
531	Sept.	30 Independence Mills Co., flour and feed	1,145.00
532	August	27 Independence Manufacturing Co., repairs	50.95
533	Sept.	9 C. F. Herrick, repairs on clocks and violins	26.25
534	Sept.	24 A. H. Fonda, dailies	6.06
535	Oct.	1 Wm. Toman, postals, printing, etc	16.26
536	Sept.	15 H. Plotzer, muffs and repairs	11.00
537	July	29 A. B. Clark, cement	10.00
538	July	31 R. B. Fiester, painting buggy	12.00
539	Sept.	13 Kellogg & Holloway, lumber, etc	57.09
540	Sept.	8 John Wengert, beer, malt and barley	23.10
541	Sept.	30 Sampson George, apples	9.00
542	Sept.	30 Mrs. Elizabeth Gray, rent of farm	150.00
543	Sept.	19 Wm. Toman, stamps, etc	84.60
544	Sept.	22 Hathaway & Higgins, repairs	48.75
545	Sept.	29 A. Reynolds, cash advanced	174.74
546	August	15 N. Lanning, soap	34.03
547	Sept.	28 R. Bartle, trucks	6.70
548	August	10 E. Zinn, coal	1.50
549	Sept.	13 Seth Peck, repairs	13.00
550	Sept.	29 Jarvis Marquette, drayage	13.50
551	Sept.	12 O. Marquette, furnishing	46.38
552	Sept.	3 S. Waggoner, stationery	10.24
553	Sept.	8 J. T. Olmstead, fruit	42.65

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
554	1881.		
554	Sept.	23 Hugh McClernon, repairs on harness, etc	21.65
555	Sept.	28 American Express Co., express	5.80
556	August	29 A. H. Frank, lemons	4.20
557	July	25 Yeager & Co., repairs	2.00
558	August	1 Patrick Riley, straw	17.50
559	August	25 T. F. Curtis, livery	6.00
560	August	1 Sampson George, apples	10.00
561	August	29 J. J. Travis, fruit	85.98
562	July	26 C. R. Wallace, brushes	4.45
563	July	29 — Burr, straw	1.16
564	July	25 — Woodruff, straw	1.46
565	Sept.	23 T. Ozias, soap	137.81
566	Sept.	28 Illinois Central Railroad Co., freights	50.95
567	Sept.	27 B. C. R. & N. R. Co., freights	129.00
568	July	25 Charles Truax, medicinal supplies	40.35
569	Sept.	28 American Fusee Co., parlor fusees	3.00
570	Sept.	19 Trommer Extract of Malt Co., malt	52.50
571	Sept.	28 L. W. Loomis, tinware	32.05
572	Sept.	27 The Fowler Co., cheese	25.91
573	Sept.	3 H. A. Hurlburt, drugs and medicines	100.48
574	August	16 H. A. Hurlburt, drugs and medicines	76.47
575	July	19 Junkermann & Haas, drugs and medicines	37.13
576	August	1 Urbana Wine Co., brandy	41.00
577	August	5 Boies, Fay & Conkey, sugar	151.41
578	Sept.	6 Olney & McDaid, port wine	67.23
579	Sept.	18 L. W. Loomis, tinware	29.35
580	Sept.	8 The Times Co., Dubuque daily	10.00
581	August	6 Union Oil Co., soap stock	40.88
582	July	1 George B. Engle, repairs on telephone	4.35
583	July	11 D. H. Cunningham, alcohol	100.23
584	August	8 E. H. Kellogg, oil	15.20
585	August	26 Palmer, Winall & Co., books and printing	28.50
586	July	18 A. L. Williston, ink	11.25
587	July	23 Williams Harvester Co., repairs	6.65
588	July	8 Bromhall, Deane & Co., repairs	34.25
589	August	10 Dubuque Cabinet Makers' Association, furniture	83.00
590	Sept.	19 C. G. Carleton & Co., hose and tubing	16.50
591	Sept.	12 Crane Bros. Manufacturing Co., pipe	56.98
592	Sept.	21 E. Baggot, gas fixtures	9.40
593	Sept.	3 Stuart, Douglas & Forrest, oatmeal	16.50
594	Sept.	20 Shaver & Dows, cruckers	40.93
595	Sept.	21 Palmer, Winall & Co., printing	7.00
596	July	25 Wemott, Howard & Co., glasses and tapers	13.60
597	Oct.	1 Ham & Carver	9.75
598	Sept.	24 D. H. Cunningham, medicinal supplies	101.50
599	Sept.	27 D. H. Conyngham, brandy	55.50
600	Sept.	21 Crane Bros. Manufacturing Co., repairs	82.89
601	August	8 Marshall, Field & Co., dry goods	244.79
602	Sept.	30 A. Littlejohn & Son, slippers	13.20
603	August	25 Z. Stout, lumber	24.69
604	Sept.	30 E. J. Foster, coal	511.10
605	Sept.	30 H. A. Hurlburt & Co., drugs, etc	6.96
606	Sept.	30 B. C. R. & N. R. Co., coal freights	1,670.10
607	Sept.	27 W. G. Donnan, salary	88.22

LIST OF VOUCHERS—CONTINUED.

Voucher.	DATE.	TO WHOM AND FOR WHAT ISSUED.	Amount.
	1881.		
608 Sept.	27	Noyes Appelman, cash advanced.	\$ 13.67
609 Sept.	30	I. H. Emery, eggs	1.95
610 Sept.	30	E. I. Foster, coal	63.00
611 Sept.	30	B. C. R. & N. R. Co., freight on coal	203.00
612 June	30	McKay & Williams, repairs	130.00
613 August	25	Tim Crymes, boarding boiler-makers	65.30
614 Sept.	30	I. C. R. R. Co., freights	17.15
615 Sept.	30	B. C. R. & N. R. R. Co., freight	39.26
616 August	24	Hansen & Linehan, repairs	74.50
617 Sept.	30	Pay-roll for quarter, ending September 30, 1881	6,256.74
			\$85,900.20

The farm contains three hundred and twenty acres, lying in the form of the letter T, the quarter section occupied by the Hospital and other buildings being square, with an eighty to the east, and an eighty to the west, extending one-half mile each way on the south side of the farm. During the last year forty acres have been seeded to timothy and clover, and eight acres broken, leaving now under tillage and in garden, in round numbers, about eighty acres, of which fifteen acres are in general garden, one and one-half acres in strawberries, one acre in raspberries, one acre vineyard, one-fourth acre in currant bushes, and about one-fourth acre asparagus beds, rhubarb and horse-radish; the balance is in grove, meadow, and pasture, except that occupied by buildings.

In estimating the expense of running the farm no account is taken of labor performed by patients, but all labor performed by others, and paid out of current expense fund is entered against the farm, all other expense incurred on account of farm being in connection with the Hospital. Everything received from farm, and all labor performed by farm hands or teams is placed to credit of farm, all stock bought for farm is charged, and all stock sold is given credit, so that at the end of the year the balance, if in favor of the credit side of account, shows a gain, and if in favor of debtor side, a loss.

Products of farm and garden for 1880:

Apples, 2 barrels, at \$2.25	4.50
Apples (crabs), 1½ bushels, at 50 cents	.87
Asparagus, 416 bunches, at 5 cents	20.80
Beans, 8 bushels, at \$1.25	10.00
Beans (lima), 6½ bushels, at \$1.50	10.12
Beans (string), 76 bushels, at 50 cents	38.00
Beets, 334 bushels, at 50 cents	167.00
Beet greens, 32 bushels, at 25 cents	8.00
Cabbages, 2,944 heads, at 5 cents	147.20
Cauliflower, 26 bunches, at 5 cents	1.30
Cantelopes, 147 bunches, at 5 cents	7.35
Carrots, 332½ bushels, at 50 cents	166.25
Celery, 1,300 stalks, at 8 cents	104.00
Cherries, 2 bushels, at \$2.50	5.00
Corn (sweet), 102 bushels, at 50 cents	51.00
Corn, 1,050 bushels, at 26 cents	273.00
Corn (shocks), 67, at 40 cents	26.80
Corn (stalks), 700, at 8 cents	56.00
Cucumbers, 14,500, at 20 cents per hundred	29.00
Currants, 40 quarts, at 5 cents	2.00
Grapes, 516 bunches, at 5 cents	25.80
Hay, 100 tons, at \$5	500.00
Hyslops, 2½ bushels, at 50 cents	1.20
Lettuce, 20½ bushels, at 50 cents	10.25
Milk, 15,277 gallons	2,677.40
Maritinos, 1 peck	.25
Melons, 649, at 5 cents	32.45
Onions, 60 bunches, at 3 cents	1.80
Onions, 268 bushels, at 75 cents	201.00
Onions, 177 bushels, at \$1	177.00
Oats, 1,300 bushels, at 26 cents	338.00
Pears, 58½ bushels, at \$1	58.50
Parsley, 2 bushels, at \$1	2.00
Parsnips, 140 bushels, at 50 cents	70.00
Potatoes (sweet), 8 bushels, at \$1.50	12.00
Potatoes, 2,600 bushels, at 25 cents	650.00
Peppers, ½ bushel, at \$1	.50
Pumpkins, 100 bushels	1.00
Rhubarb, 790 bunches, at 3 cents	23.70
Radishes, 45¼ bushels, at 50 cents	22.62
Radishes (horse), 10 bushels, at 50 cents	5.00
Raspberries, 333 quarts, at 12 cents	39.96
Rutabagas, 60 bushels, at 25 cents	15.00
Sage, 5 pounds, at 50 cents	2.50
Straw, 40 tons, at \$2.50	100.00
Salisfy, 65 bushels, at 75 cents	48.75
Squashes (summer), 1,180 bushels, at 3 cents	35.40
Squashes (winter), 1,000 bushels, at 5 cents	50.00
Spinach, 12 bushels, at 50 cents	6.00
Strawberries, 2,248 quarts, at 12 cents	269.76
Tomatoes, 165 bushels, at 50 cents	82.50
Turnips, 135 bushels, at 25 cents	33.75
Pork raised, 32 head, 12,450 pounds	459.85
Pigs sold (4)	18.00
Beef from dairy (8), 9,120 pounds	233.26
Calves sold from dairy (17)	35.00
Pasture for beef cattle	25.00
Care of officers' horses and labor of farm teams for Hospital	1,013.88
	\$ 8,402.33
Income from farm	8,402.33
Expense charged to farm	3,438.41
Profit from farm	\$ 4,963.92

Products of farm and garden for 1881:

Apples (sweet crab), 2 bushels, at 50 cents.....	\$ 1.00
Apples (hyslop), 2 bushels, at 75 cents.....	1.50
Asparagus, 388 bunches, at 6 cents.....	23.28
Beans (string), 71 bushels, at 50 cents.....	35.50
Beans (navy), 70 bushels, at \$2.....	140.00
Beans (lima), 4 bushels, at \$1.....	4.00
Beet greens, 10 bushels, at 30 cents.....	3.00
Beets, 388 bushels, at 50 cents.....	194.00
Cabbage, 4,414 heads, at 10 cents.....	441.40
Carrots, 204 bushels, at 50 cents.....	102.00
Celery, 2,500 stalks, at 8 cents.....	120.00
Chicory 60 bushels, at 50 cents.....	30.00
Corn (sweet), 40 bushels, at 50 cents.....	20.00
Corn (field), 310 bushels, at 40 cents.....	124.00
Cucumbers, 2,350 bushels, at 1 cent.....	23.50
Currants, 50 quarts, at 5 cents.....	2.50
Grapes, 1,327 pounds, at 6 cents.....	79.62
Hay, 200 tons, at \$5.....	1,000.00
Kale, 700 heads, at 3 cents.....	21.00
Lettuce, 48½ bushels, at 50 cents.....	24.25
Maritinos, 1 bushel, at \$1.....	1.00
Melons (nutmeg), 89 at 5 cents.....	4.00
Melons (water), 362, at 5 cents.....	18.10
Onions, 90 bunches, at 4 cents.....	3.60
Onions, 180 bunches, at 3 cents.....	5.40
Onions, 106½ bushels, at \$1.....	106.50
Oats, 880 bushels, at 35 cents.....	308.00
Parsley, 1 bushel, at 50 cents.....	.50
Parsnips, 100 bushels, at 50 cents.....	50.00
Peas, 34 bushels, at \$1.20.....	45.60
Peas, 35 bushels, at \$1.....	35.00
Peppers, 1 bushel, at \$1.....	1.00
Potatoes, 2,360 bushels, at 75 cents.....	1,770.00
Pumpkins, 400, at \$1.....	4.00
Radishes, 31 bushels, at 50 cents.....	16.50
Radishes, (horse,) 10 bushels, at 50 cents.....	5.00
Raspberries, 100 quarts, at 15 cents.....	15.00
Raspberries, 577 quarts, at 12½ cents.....	72.12
Rhubarb, 861 bunches, at 4 cents.....	34.44
Rhubarb, 120 bunches, at 3 cents.....	3.60
Sage, 20 pounds, at 35 cents.....	7.00
Spinach, 26 bushels, at 60 cents.....	15.60
Squash (summer,) 1,285, at 3 cents.....	38.55
Squash (winter,) 350, at 10 cents.....	35.00
Strawberries, 3,260 quarts, at 12½ cents.....	407.50
Straw, 50 tons, at \$3.50.....	175.00
Tomatoes, 184 bushels, at 50 cents.....	92.00
Turnips (ruta bagas), 60 bushels, at 50 cents.....	30.00
Pork raised, 48 head, 19,655 pounds.....	901.99
Beef from dairy, 1,430 pounds.....	42.90
Calves sold from dairy (13).....	31.00
Milk from dairy, 18,635 gallons.....	3,372.00
Horse sold.....	50.00
Pasture for beef-cattle.....	25.00
Care of officers' horses and labor of farm teams for Hospital.....	1,852.59

\$ 11,972.04

Income from farm.....\$ 11,972.04
Expense charged to farm.....5,291.62

Profit from farm.....\$ 6,680.42

Inventory of farm stock:

Seven horses.....	\$ 700.00
One bull.....	45.00
One pair oxen.....	125.00
Twenty-nine cows.....	870.00
Thirty-four hogs.....	816.00
Six brood sows.....	120.00
Two boars.....	20.00
Twenty-seven pigs.....	108.00
Forty-five pigs.....	72.50
	<hr/> \$ 2,876.50

Inventory of farm implements:

One reaper.....	\$ 100.00
One mower.....	25.00
One sulky plow.....	40.00
Two walking-cultivators.....	25.00
Three single cultivators.....	20.00
Two harrows.....	10.00
Three wagons.....	150.00
Two wagons.....	50.00
One buck-board.....	10.00
One butcher wagon.....	15.00
One bus.....	100.00
One spring wagon.....	100.00
One buggy.....	100.00
One cart.....	20.00
One pair trucks.....	20.00
One pair sleighs.....	50.00
Two pair bob-sleds.....	20.00
One roller.....	15.00
Three hay rakes.....	30.00
Three buffalo robes.....	3.00
Three lap blankets.....	9.00
Three lap-robes.....	6.50
Six horse-blankets.....	45.00
Two set light harness.....	15.00
Two single harness.....	40.00
Three set heavy harness.....	75.00
Hoes, shovels, spades and other utensils.....	
	<hr/> \$ 1,143.00

Inventory of stock on hand:

One fat cow.....	\$ 70.00
Sixteen steers.....	660.00
Nineteen sheep.....	75.00
Fifty chickens.....	9.00
Dressed meats.....	100.00
Groceries.....	2,150.00
Crockery and glassware.....	250.00
Breadstuff.....	100.00
Corn, old, 500 bushels, at 50 cents.....	250.00
Corn, new, 1,700 bushels (estimated), at 40 cents.....	680.00
Oats, 800 bushels.....	280.00
Hay, 200 tons.....	1,000.00
Straw, 50 tons.....	175.00
Gas oil, 1,250 gallons.....	125.00
Coke, six tons, at \$10.....	60.00
Coal, 800 tons, at \$4.35.....	3,480.00
Wood, 60 cords, at \$4.50.....	270.00
Dry goods and notions.....	1,125.00
Men's clothing.....	798.00
Women's clothing.....	120.00
Women's shoes.....	115.80
Men's shoes.....	233.40
Cutlery.....	26.00
Hard soap, one ton.....	100.00
Soft soap, 150 gallons.....	15.00
Potatoes, 2,000 bushels, at 75 cents per bushel.....	1,500.00
Other vegetables, estimated.....	1,311.00
Fish.....	25.00
	\$ 15,093.00

List of flowers and plants:

Two poinsetta, at \$1.....	\$ 2.00
Twelve caladium esculentum, at twenty-five cents.....	3.00
Six cannas, at twenty-five cents.....	1.50
One dracinae.....	.75
Six callas (large), at fifty cents.....	3.00
Twelve callas (small), at twenty cents.....	2.40
Five abutilon in variety, at fifty cents.....	2.50
Lycopodiums in variety.....	2.00
Twelve fuchsias, at twenty-five cents.....	3.00
Twelve feverfew, at twenty-five cents.....	3.00
Twenty begonias in variety, at twenty-five cents.....	5.00
Twelve bouvardias, at fifty cents.....	6.00
Twelve coleus in variety, at twenty-five cents.....	3.00
Two hibiscus, at fifty cents.....	1.00
Two ceras, night-blooming, at seventy-five cents.....	1.50
Two ivies, English, at twenty-five cents.....	2.50
Six oleanders, at fifty cents.....	3.00
Twenty geraniums, at twenty-five cents.....	.50
Twenty geraniums in variety (large), at thirty cents.....	6.00
One hundred geraniums in variety (small), at ten cents.....	10.00
Twenty verbenas in variety, at ten cents.....	2.00
Fifteen petunias, double, at twenty-five cents.....	3.75
Five cactus, at twenty-five cents.....	1.25
Six eupatorium, at ten cents.....	.60
Sixteen primula, at forty cents.....	6.40
Six cyclamen persicum, at fifty cents.....	3.00
Twenty roses, at fifty cents.....	10.00
One polygonum refulgens.....	.50
Six heliotropes (large), at twenty-five cents.....	1.50
Twelve heliotropes (small), at ten cents.....	1.20
Two carnations, at twenty-five cents.....	.50
Six alternanthera, at ten cents.....	.60
Six pilea pilosa, at fifteen cents.....	.90
One echevia.....	.25
Two jasmine, at twenty-five cents.....	.50
One aloysia citrodora.....	.25
One kenilworth ivy.....	.25
One peperomia.....	.25
Six hysambanthemum, at twenty-five cents.....	1.50
Two justicia carnea, at twenty-five cents.....	.50
Two farfugium grande, at twenty-five cents.....	.50
Two maunrandya, at twenty cents.....	.40
One passiflora.....	.25
Twelve maderia vine, at ten cents.....	1.20
Two vincas, at twenty cents.....	.40
Twelve tuberosa, at ten cents.....	1.20
Tradescantia in variety.....	1.00
Six stevia, at ten cents.....	.60
Two yucca filamentosa, at twenty-five cents.....	.50
Two sedums, at fifteen cents.....	.30
Six salvia splendens, at twenty-five cents.....	1.50
Six myosotis, at ten cents.....	.60
Six achyranthus, at fifteen cents.....	.90

\$ 106.70

OFFICERS AND EMPLOYES, SEPTEMBER 30, 1881.

Number.	NAME.	HOW EMPLOYED.	SALARY.
1	A. Reynolds.	Superintendent.	\$ 2,000 per annum.
2	G. H. Hill.	Assistant Physician.	900 per annum.
3	H. G. Brainerd.	Assistant Physician.	800 per annum.
4	Noyes Appelman.	Steward.	900 per annum.
5	Lucy M. Gray.	Matron.	600 per annum.
6	Carrie Curtis.	Clerk.	300 per annum.
7	Mary Sission.	Supervisor.	300 per annum.
8	David Fiester.	Supervisor.	360 per annum.
9	Otto Wonnemberg.	Apothecary.	400 per annum.
10	A. D. Guernsey.	Engineer.	75 per month.
11	Washington Young.	Fireman.	26 per month.
12	E. S. Peck.	Fireman.	26 per month.
13	C. L. Thomas.	Gardener.	40 per month.
14	W. J. Martin.	Farmer.	48 per month.
15	John Dorsett.	Butcher.	40 per month.
16	John Shine.	Hackman.	26 per month.
17	John Shultz.	Teamster.	18 per month.
18	H. P. Johnson.	Teamster.	19 per month.
19	Wallace Johnson.	Cow-man.	22 per month.
20	Nicholas Finch.	Cow-man.	18 per month.
21	Thomas Curnan.	Barn-man.	15 per month.
22	Charles Thomas, Sr.	Night-watch.	37 per month.
23	Graham Slack.	Night-watch.	27 per month.
24	Alice Burroughs.	Night-watch.	18 per month.
25	Frank Price.	Night-watch.	18 per month.
26	George Breidenbach.	Baker.	45 per month.
27	Joseph Lands.	Assistant baker.	16 per month.
28	James Netcolt.	Car-man.	28 per month.
29	Wm. J. Swift.	Kitchen.	21 per month.
30	John Thomas.	Kitchen.	13 per month.
31	Agnes Lynch.	Cook.	16 per month.
32	Emma Burroughs.	Cook.	16 per month.
33	Tina Wigg.	Kitchen.	10 per month.
34	Lizzie Lynch.	Kitchen.	10 per month.
35	Anna Klegin.	Kitchen.	11 per month.
36	Mary Coleman.	Kitchen.	10 per month.
37	Anna Ehrke.	Kitchen.	9 per month.
38	Ella Stafford.	Kitchen.	10 per month.
39	Tillie Meister.	Kitchen.	8 per month.
40	Lucy Scott.	Kitchen.	8 per month.
41	Belle Robb.	Dining-room.	8 per month.
42	Cora King.	Dining-room.	10 per month.
43	Lizzie Wengert.	Dining-room.	10 per month.
44	Minnie Stumma.	Office girl.	8 per month.
45	Ida Palmer.	Chambermaid.	8 per month.
46	Jane Thomas.	Washerwoman.	16 per month.
47	Maggie Gorman.	Washerwoman.	16 per month.
48	Lillie Hancock.	Washerwoman.	9 per month.
49	Maggie O'Connor.	Ironer.	14 per month.
50	Mary Wendling.	Ironer.	11 per month.

LIST OF OFFICERS AND EMPLOYES—CONTINUED.

Number.	NAME.	HOW EMPLOYED.	SALARY.
51	Gertie Wengert.	Ironer.	\$ 11 per month.
52	Mary Wengert.	Ironer.	11 per month.
53	Frances Meister.	Order girl.	10 per month.
54	Charles Munnings.	Attendant.	25 per month.
55	Robert Hart.	Attendant.	25 per month.
56	V. W. Peck.	Attendant.	24 per month.
57	W. H. Updyke.	Attendant.	24 per month.
58	S. C. Emmons.	Attendant.	24 per month.
59	C. R. Barnard.	Attendant.	24 per month.
60	P. J. Gulligan.	Attendant.	24 per month.
61	Wm. Innes.	Attendant.	24 per month.
62	F. I. Kimball.	Attendant.	20 per month.
63	Henry Martin.	Attendant.	20 per month.
64	Alger B. Swan.	Attendant.	20 per month.
65	Burdelle Camp.	Attendant.	20 per month.
66	Chas. L. Pierce.	Attendant.	19 per month.
67	F. E. Dunham.	Attendant.	19 per month.
68	Frank Cass.	Attendant.	19 per month.
69	J. D. Emmons.	Attendant.	19 per month.
70	E. R. Watson.	Attendant.	19 per month.
71	E. C. Gates.	Attendant.	19 per month.
72	Ed. Walker.	Attendant.	18 per month.
73	Oscar M. Pond.	Attendant.	18 per month.
74	E. D. Carr.	Attendant.	18 per month.
75	George Alberts.	Attendant.	18 per month.
76	Patrick Kirk.	Attendant.	18 per month.
77	Alice O'Connor.	Attendant.	18 per month.
78	Martha Boyack.	Attendant.	18 per month.
79	Mary O'Connor.	Attendant.	18 per month.
80	Sarah Bouck.	Attendant.	16 per month.
81	Sarah Ellis.	Attendant.	16 per month.
82	Clara Coleman.	Attendant.	16 per month.
83	Frankie Fisher.	Attendant.	16 per month.
84	Masella Roth.	Attendant.	16 per month.
85	Jessie Boyack.	Attendant.	16 per month.
86	Mary E. Wood.	Attendant.	16 per month.
87	Anna Stiles.	Attendant.	16 per month.
88	Lou Fasold.	Attendant.	16 per month.
89	Rose Porter.	Attendant.	16 per month.
90	Mary Keller.	Attendant.	16 per month.
91	Annie Campbell.	Attendant.	16 per month.
92	Rebecca French.	Attendant.	16 per month.
93	Mathilde Wengert.	Attendant.	15 per month.
94	Belle McMillan.	Attendant.	15 per month.
95	Della Craton.	Attendant.	15 per month.
96	Maggie Ross.	Attendant.	12 per month.
97	Agnes Muncy.	Attendant.	12 per month.
98	Rose Wengert.	Attendant.	12 per month.
99	Cora Connell.	Attendant.	12 per month.
100	L. M. Stevens.	Plumber.	2 per day.
101	H. A. Cramer.	Carpenter.	17 per month.
102	Belle Alquist.	Seamstress.	14 per month.
103	Alice Pringle.	Seamstress.	14 per month.
104	Dora Norton.	Seamstress.	14 per month.

TREASURER'S REPORT.

TREASURER'S OFFICE, }
INDEPENDENCE, IOWA, Sept. 30, 1881. }

To the Board of Trustees of the Iowa Hospital for the Insane at Independence,
Iowa:

CURRENT EXPENSE FUND.

Exhibit from September 30, 1879, to September 30, 1880.

Balance on hand Sept. 30, 1879.....	\$13,507.30
Receipts to Sept. 30, 1880—From State Treasurer.....	59,468.00
From Steward	1,071.72
From interest on State warrants.	69.65
	<hr/>
By payment of orders to Sept. 30, 1880	\$74,116.67
	70,204.00
	<hr/>
Balance on hand Sept. 30, 1880.....	\$3,912.67

Exhibit from September 30, 1880, to September 30, 1881.

Balance on hand Sept. 30, 1880.....	\$ 3,912.67
Receipts to Sept. 30, 1881—From State Treasurer.....	80,444.00
From Steward	4,274.20
From interest on State warrants.	2.18
	<hr/>
By payment of orders to Sept. 30, 1881.....	\$88,633.05
	80,588.86
	<hr/>
Balance on hand Sept. 30, 1881.....	\$8,044.19

CONTINGENT FUND.

Balance on hand Sept. 30, 1879.....	
Receipts to Sept. 30, 1881—From State Treasurer.....	\$ 1,687.08
By payment of orders to Sept. 30, 1881.....	1,675.28
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Balance on hand Sept. 30, 1881.....	\$ 11.80

1882.]

REPORT OF TREASURER.

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BOILER FUND—(Sec. 1, Chap. 122, Laws of 18 G. A.)

Received from State Treasurer Oct. 8, 1880.....	\$ 819.84
Received from State Treasurer April 7, 1881.....	121.32
	<hr/>
By payment of orders to April 18, 1881.....	\$941.16
Balance on hand Sept. 30, 1881.....	941.16

ROAD FUND—(Sec. 3, Chap. 122, Laws of 18 G. A.)

Received from State Treasurer Jan. 5, 1881.....	\$ 100.00
By payment of orders to Sept. 30, 1881.....	39.37
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Balance on hand Sept. 30, 1881.....	\$ 60.63

Respectfully submitted,

W. G. DONNAN, Treasurer.